

Los Angeles–Riverside– Orange County, CA National Compensation Survey July 1999



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Preface

Data shown in this bulletin were collected as part of the Bureau of Labor Statistics (BLS) National Compensation Survey (NCS). The survey could not have been conducted without the cooperation of the many private firms and government jurisdictions that provided pay data included in this bulletin. The Bureau thanks these respondents for their cooperation.

Field economists of the Bureau of Labor Statistics collected and reviewed the survey data. The Office of Compensation and Working Conditions, in cooperation with the Office of Field Operations and the Office of Technology and Survey Processing in the BLS National Office, designed the survey, processed the data, and prepared the survey for publication.

For additional information regarding this survey, please contact any BLS regional office at the address and telephone number listed on the back cover of this bulletin. You may also write to the Bureau of Labor Statistics at: Division of Compensation Data Analysis and Planning,

2 Massachusetts Avenue, NE, Room 4175, Washington, DC 20212-0001, or call (202) 691-6199, or send e-mail to ocltinfo@bls.gov.

The data contained in this bulletin are also available at <https://www.bls.gov/ocs/#data>, the BLS Internet site. Data are in three formats: An ASCII file containing the published table formats; an ASCII file containing positional columns of data for manipulation as a data base or spreadsheet; and a Portable Document Format (PDF) file containing the entire bulletin.

Results of earlier surveys of this area are also available from BLS regional offices, the Division of Compensation Data Analysis and Planning, or at the BLS Internet site.

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Introduction

The tables in this bulletin summarize the NCS results for the Los Angeles–Riverside–Orange County, CA, metropolitan area. Tabulations provide information on earnings of workers in a variety of occupations and at different work levels. Also contained in this bulletin are information on the program, a technical note describing survey procedures, and several appendixes with detailed information on occupational classifications and the generic leveling methodology.

NCS products

The Bureau's National Compensation Survey provides data on occupational wages and employee benefits for localities, broad geographic regions, and the Nation as a whole. The Employment Cost Index, a quarterly measure of the change in employer costs for wages and benefits, is derived from the NCS. Another product, Employer Costs for Employee Compensation, measures employers' average hourly costs for total compensation, that is, wages and benefits. Still another NCS product measures the incidence of benefit plans and their provisions. This bulletin is limited to data on occupational wages and salaries.

About the tables

The tables that follow present data on straight-time occupational earnings, which include wages and salaries, incentive pay, cost-of-living adjustments, and hazard pay. These earnings exclude premium pay for overtime, vacations, holidays, nonproduction bonuses, and tips. About 480 detailed occupations are used to describe all occupations in the civilian nonfarm economy (excluding the Federal Government and private households), as explained in Appendix A. Data are not shown for any occupations if they would raise concerns about the confidentiality of the survey respondents or if the data are insufficient to support reliable estimates.

Table 1–1 presents an overview of all tables in this bulletin. Mean hourly earnings, weekly hours, and relative standard errors are given for all industries, private industry, and State and local government for selected worker and establishment characteristics. The worker characteristics include major occupational group, full-time or part-time status, union or nonunion status, and time or incentive pay. Establishment characteristics include goods and service producing and size of establishment.

Table 2–1 presents estimates of mean hourly earnings, and the relative standard errors associated with them, for

detailed occupations within all industries, private industry, and State and local government. Table 2–2 presents the same type of information for full-time workers only. Table 2–3 provides similar data for workers designated as part-time.

Table 3–1 provides mean weekly earnings data, with relative standard errors, and weekly hours for full-time employees in specific occupations across all industries, private industry, and State and local government. Table 3–2 provides annual earnings, relative standard errors, and annual hours for full-time employees in specific occupations.

Table 4–1 provides mean hourly earnings data by work level for occupational groups and for detailed occupations. Separate data are also shown for private industry and government workers. Table 4–2 provides work level data for full-time workers. Table 4–3 provides similar data for workers designated as part-time.

Table 5–1 presents mean hourly earnings data for selected worker characteristics by major occupational groups. The worker characteristics include full-time or part-time designation, union or nonunion status, and time or incentive pay. Table 5–2 presents mean hourly earnings data for major industry divisions by occupational groups; these estimates are limited to the private sector. Table 5–3 presents mean hourly earnings data for establishment employment sizes by major occupational groups; these estimates also are limited to the private sector.

Tables 6–1 through 6–5 present hourly wage percentiles that describe the distribution of hourly earnings for each published occupation. Data are provided for the 10th, 25th, 50th, 75th, and 90th percentiles for detailed occupations within all industries, private industry, State and local government, full-time workers, and part-time workers. These iterations correspond to those presented in tables 2–1, 2–2, and 2–3. For each published occupation, these percentiles relate to the average hourly earnings of jobs surveyed in establishments. The percentiles do not relate to the hourly earnings of individual workers in these establishment jobs.

Appendix table 1 provides the employment scope of this survey. The occupation employment estimates relate to all employers in the area, rather than just to those surveyed. Appendix table 2 presents the number of establishments studied by industry group and employment size. The median work levels for published occupations are presented in appendix table 3.

Table 1-1. **Summary: Mean hourly earnings¹ and weekly hours by selected characteristics, private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, July 1999**

Worker and establishment characteristics	Total			Private industry			State and local government		
	Hourly earnings		Mean weekly hours ³	Hourly earnings		Mean weekly hours ³	Hourly earnings		Mean weekly hours ³
	Mean	Relative error ² (percent)		Mean	Relative error ² (percent)		Mean	Relative error ² (percent)	
Total	\$18.40	2.6	36.4	\$17.21	3.4	36.9	\$23.41	2.0	34.5
Worker characteristics:⁴									
White-collar occupations ⁵	22.67	2.8	36.3	22.20	3.6	37.0	24.14	2.4	34.3
Professional specialty and technical	29.00	2.3	35.9	28.09	3.4	37.6	30.76	2.4	32.9
Executive, administrative, and managerial	32.04	5.6	39.8	32.91	6.4	40.3	27.73	5.9	37.9
Sales	16.47	9.9	31.7	16.48	9.9	31.8	—	—	—
Administrative support	13.47	1.6	36.5	13.08	2.0	37.1	14.57	2.2	34.9
Blue-collar occupations ⁵	13.36	4.2	38.6	12.83	4.6	38.6	21.09	4.6	39.7
Precision production, craft, and repair	19.52	4.4	39.9	18.97	5.2	39.8	23.53	4.8	39.9
Machine operators, assemblers, and inspectors	10.18	4.9	39.8	10.11	5.0	39.8	—	—	—
Transportation and material moving	13.41	11.1	37.2	12.77	13.1	37.0	18.59	8.1	38.5
Handlers, equipment cleaners, helpers, and laborers	9.65	4.1	36.5	9.32	4.3	36.3	15.88	5.2	40.0
Service occupations ⁵	11.76	5.3	33.5	8.60	3.5	33.6	21.86	4.7	33.2
Full time	19.19	2.7	39.5	18.00	3.5	39.7	24.18	2.1	38.7
Part time	10.53	4.0	20.2	9.36	4.2	21.5	15.54	7.4	16.3
Union	20.65	2.7	36.2	16.80	5.3	37.0	23.72	2.5	35.6
Nonunion	17.59	3.5	36.5	17.28	3.8	36.9	22.40	4.4	31.3
Time	18.36	2.7	36.3	17.09	3.6	36.8	23.41	2.0	34.5
Incentive	19.25	12.3	39.0	19.25	12.3	39.0	—	—	—
Establishment characteristics:									
Goods producing	(⁶ / ₆)	(⁶ / ₆)	(⁶ / ₆)	—	—	—	(⁶ / ₆)	(⁶ / ₆)	(⁶ / ₆)
Service producing	(⁶ / ₆)	(⁶ / ₆)	(⁶ / ₆)	—	—	—	(⁶ / ₆)	(⁶ / ₆)	(⁶ / ₆)
50-99 workers ⁷	15.81	11.7	36.9	15.65	12.0	36.9	23.23	6.6	36.9
100-499 workers	15.14	4.5	36.7	15.00	4.6	37.1	19.37	11.7	27.9
500 workers or more	21.94	2.6	36.0	20.86	4.1	36.7	23.69	2.1	35.0

¹ Earnings are the straight-time hourly wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, and holidays; nonproduction bonuses; and tips. The mean is computed by totaling the pay of all workers and dividing by the number of workers, weighted by hours.

² The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see appendix A.

³ Mean weekly hours are the hours an employee is scheduled to work in a week, exclusive of overtime.

⁴ Employees are classified as working either a full-time or a part-time schedule based on the definition used by each establishment. Union workers are those whose wages are determined through collective bargaining. Wages of time workers are based solely on hourly rate or salary; incentive workers are those whose wages are at least partially

based on productivity payments such as piece rates, commissions, and production bonuses.

⁵ A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. See appendix B for more information.

⁶ Classification of establishments into goods-producing and service-producing industries applies to private industry only.

⁷ Establishments classified with 50-99 workers may contain establishments with fewer than 50 due to staff reductions between survey sampling and collection.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria. IN THIS SURVEY, THE NONRESPONSE RATE FOR ALL INDUSTRIES AND PRIVATE INDUSTRY EXCEEDED REGULAR SURVEY STANDARDS FOR PUBLICATION. ACCORDINGLY, USERS SHOULD INTERPRET THESE RESULTS WITH THIS LIMITATION IN MIND.

Table 2-1. **Mean hourly earnings¹, all workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, July 1999**

Occupation ³	Total		Private industry		State and local government	
	Mean	Relative error ⁴ (percent)	Mean	Relative error ⁴ (percent)	Mean	Relative error ⁴ (percent)
All	\$18.40	2.6	\$17.21	3.4	\$23.41	2.0
All excluding sales	18.53	2.7	17.27	3.6	23.42	2.0
White collar	22.67	2.8	22.20	3.6	24.14	2.4
White collar excluding sales	23.45	2.9	23.19	3.9	24.16	2.4
Professional specialty and technical	29.00	2.3	28.09	3.4	30.76	2.4
Professional specialty	31.05	2.2	30.39	3.4	32.08	2.5
Engineers, architects, and surveyors	34.13	2.2	34.36	2.2	30.15	6.0
Aerospace engineers	35.18	4.4	35.18	4.4	—	—
Civil engineers	30.19	9.1	—	—	28.49	4.6
Electrical and electronic engineers	34.16	5.6	34.10	5.7	—	—
Industrial engineers	25.60	6.8	—	—	—	—
Mechanical engineers	29.59	6.7	28.94	6.9	—	—
Engineers, n.e.c.	34.67	2.4	34.67	2.4	—	—
Mathematical and computer scientists	28.53	3.2	29.48	2.6	25.00	5.7
Computer systems analysts and scientists	28.51	3.7	29.70	3.1	25.00	5.7
Operations and systems researchers and analysts	28.62	4.4	28.62	4.4	—	—
Natural scientists	28.82	6.8	30.55	7.3	25.95	6.0
Health related	26.26	3.8	26.44	4.3	25.19	7.5
Physicians	48.01	19.8	—	—	—	—
Registered nurses	24.61	2.4	24.68	2.7	24.19	2.5
Pharmacists	34.79	9.1	34.79	9.1	—	—
Respiratory therapists	19.74	2.9	19.74	2.9	—	—
Teachers, college and university	37.34	4.6	37.13	13.4	37.43	3.8
Business, commerce, and marketing teachers	47.40	26.7	47.56	27.7	—	—
Education teachers	47.46	37.3	47.46	37.3	—	—
English teachers	34.96	3.9	—	—	—	—
Other post-secondary teachers	37.93	3.3	37.17	15.9	38.04	3.0
Teachers, except college and university	31.48	3.7	16.44	7.7	34.56	2.4
Prekindergarten and kindergarten	13.02	6.0	—	—	—	—
Elementary school teachers	34.11	4.1	15.35	2.8	35.79	3.1
Secondary school teachers	34.33	2.2	24.08	5.8	34.77	2.2
Teachers, special education	30.41	7.2	—	—	—	—
Teachers, n.e.c.	32.26	12.5	18.76	12.4	39.57	4.8
Substitute teachers	18.21	4.4	—	—	18.25	4.3
Vocational and educational counselors	27.43	16.0	—	—	31.43	13.7
Librarians, archivists, and curators	—	—	—	—	—	—
Social scientists and urban planners	33.05	8.6	—	—	31.66	19.5
Psychologists	31.66	18.0	—	—	—	—
Social, recreation, and religious workers	20.89	11.7	21.50	11.8	20.69	15.2
Social workers	21.71	12.3	—	—	21.02	16.1
Recreation workers	13.86	17.4	—	—	—	—
Lawyers and judges	42.37	8.3	—	—	—	—
Lawyers	42.37	8.3	—	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.	36.23	13.5	36.85	13.5	—	—
Designers	32.48	20.7	32.48	20.7	—	—
Editors and reporters	47.75	18.5	47.75	18.5	—	—
Professional, n.e.c.	22.33	8.2	23.23	8.6	—	—
Technical	21.54	4.8	22.06	5.5	18.71	5.8
Clinical laboratory technologists and technicians	19.67	11.6	20.18	12.4	—	—
Radiological technicians	20.46	3.8	20.46	3.8	—	—
Licensed practical nurses	14.66	2.2	14.55	2.2	—	—
Health technologists and technicians, n.e.c.	16.61	4.6	16.60	6.9	—	—
Electrical and electronic technicians	21.38	6.4	21.15	6.5	—	—
Engineering technicians, n.e.c.	21.96	10.5	22.15	12.9	—	—
Science technicians, n.e.c.	16.07	4.7	—	—	16.07	4.7
Computer programmers	27.79	5.6	—	—	—	—
Legal assistants	20.89	12.1	20.89	12.1	—	—
Technical and related, n.e.c.	24.44	11.3	25.18	13.1	20.83	4.7
Executive, administrative, and managerial	32.04	5.6	32.91	6.4	27.73	5.9
Executives, administrators, and managers	37.11	7.5	37.94	8.4	32.44	9.7
Administrators and officials, public administration	38.26	12.9	—	—	38.26	12.9

See footnotes at end of table.

Table 2-1. **Mean hourly earnings¹, all workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, July 1999** — Continued

Occupation ³	Total		Private industry		State and local government	
	Mean	Relative error ⁴ (percent)	Mean	Relative error ⁴ (percent)	Mean	Relative error ⁴ (percent)
White collar —Continued						
Executive, administrative, and managerial —Continued						
Executives, administrators, and managers —Continued						
Financial managers	\$35.85	7.7	\$35.45	8.2	—	—
Personnel and labor relations managers	33.25	9.0	31.01	9.9	—	—
Managers, marketing, advertising, and public relations	41.50	12.4	42.10	12.6	—	—
Administrators, education and related fields	37.08	8.4	24.66	14.4	\$46.30	3.6
Managers, medicine and health	32.36	5.2	32.67	5.3	—	—
Managers, food servicing and lodging establishments	17.84	14.2	—	—	—	—
Managers, service organizations, n.e.c.	29.44	11.9	29.46	12.4	—	—
Managers and administrators, n.e.c.	40.25	13.2	42.08	14.1	27.42	15.8
Management related	23.89	2.2	24.39	2.4	21.82	4.6
Accountants and auditors	23.54	3.8	23.62	4.4	—	—
Other financial officers	24.07	5.7	24.07	5.7	—	—
Management analysts	25.36	8.1	25.40	8.7	—	—
Personnel, training, and labor relations specialists	19.85	8.5	21.76	10.2	—	—
Purchasing agents and buyers, n.e.c.	23.93	4.9	23.94	4.9	—	—
Construction inspectors	26.34	4.8	—	—	25.88	6.2
Inspectors and compliance officers, except construction	24.86	6.4	—	—	—	—
Management related, n.e.c.	23.80	3.6	24.27	4.0	20.98	2.8
Sales	16.47	9.9	16.48	9.9	—	—
Supervisors, sales	31.23	28.6	31.23	28.6	—	—
Sales, other business services	16.92	22.5	16.92	22.5	—	—
Sales representatives, mining, manufacturing, and wholesale	26.12	11.8	26.12	11.8	—	—
Sales workers, motor vehicles and boats	22.06	7.9	22.06	7.9	—	—
Sales workers, apparel	7.01	4.6	7.01	4.6	—	—
Sales workers, furniture and home furnishings	7.85	11.5	7.85	11.5	—	—
Sales workers, parts	18.42	11.1	18.42	11.1	—	—
Sales workers, other commodities	12.74	13.2	12.74	13.2	—	—
Cashiers	10.15	7.0	10.13	7.1	—	—
Sales support, n.e.c.	14.26	9.9	14.26	9.9	—	—
Administrative support, including clerical	13.47	1.6	13.08	2.0	14.57	2.2
Supervisors, general office	18.44	4.5	18.35	6.7	18.56	5.4
Supervisors, distribution, scheduling, and adjusting clerks	19.95	12.7	—	—	—	—
Secretaries	16.37	2.8	16.31	3.1	16.65	6.5
Typists	14.06	5.0	—	—	—	—
Interviewers	11.27	4.6	—	—	—	—
Transportation ticket and reservation agents	13.44	7.3	13.44	7.3	—	—
Receptionists	10.68	3.8	10.63	3.9	—	—
Information clerks, n.e.c.	11.33	4.2	11.32	4.4	—	—
Order clerks	11.49	7.1	10.91	5.9	—	—
Personnel clerks, except payroll and timekeeping	12.45	5.2	12.45	5.2	—	—
Library clerks	13.63	4.5	13.92	13.6	13.58	4.6
Records clerks, n.e.c.	13.20	5.9	13.39	10.8	13.02	4.5
Bookkeepers, accounting and auditing clerks	13.93	3.0	13.70	3.4	15.49	5.7
Payroll and timekeeping clerks	14.20	4.8	14.21	6.1	—	—
Duplicating machine operators	12.27	10.6	10.76	4.5	—	—
Telephone operators	11.32	7.8	10.08	6.8	—	—
Mail clerks, except postal service	10.31	7.1	10.47	7.5	—	—
Dispatchers	18.52	5.0	—	—	—	—
Production coordinators	16.35	9.1	16.37	9.2	—	—
Traffic, shipping and receiving clerks	9.99	5.2	9.99	5.2	—	—
Stock and inventory clerks	11.41	7.9	11.16	7.1	—	—
Meter readers	17.55	12.0	—	—	—	—

See footnotes at end of table.

Table 2-1. **Mean hourly earnings¹, all workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, July 1999** — Continued

Occupation ³	Total		Private industry		State and local government	
	Mean	Relative error ⁴ (percent)	Mean	Relative error ⁴ (percent)	Mean	Relative error ⁴ (percent)
White collar —Continued						
Administrative support, including clerical —Continued						
Material recording, scheduling, and distribution clerks, n.e.c.	\$10.23	12.9	\$10.23	12.9	—	—
Insurance adjusters, examiners, and investigators	16.90	18.0	16.90	18.0	—	—
Investigators and adjusters, except insurance	15.56	6.5	15.19	7.0	—	—
Eligibility clerks, social welfare	13.66	4.8	—	—	\$14.48	0.8
Bill and account collectors	13.26	4.3	12.89	5.6	—	—
General office clerks	12.35	2.9	11.21	4.4	13.65	3.4
Bank tellers	9.01	.9	9.01	.9	—	—
Data entry keyers	12.69	3.8	12.29	5.3	—	—
Statistical clerks	15.22	14.6	15.22	14.6	—	—
Teachers' aides	11.77	5.2	11.60	20.5	11.79	5.3
Administrative support, n.e.c.	13.48	5.0	12.91	5.2	16.26	6.4
Blue collar	13.36	4.2	12.83	4.6	21.09	4.6
Precision production, craft, and repair	19.52	4.4	18.97	5.2	23.53	4.8
Supervisors, mechanics and repairers	26.88	6.6	26.59	7.3	—	—
Automobile mechanics	19.16	8.1	18.98	8.5	—	—
Industrial machinery repairers	17.76	9.5	16.44	9.0	—	—
Machinery maintenance	14.33	14.1	14.33	14.1	—	—
Electronic repairers, communications and industrial equipment	21.02	7.5	20.62	10.6	—	—
Mechanics and repairers, n.e.c.	17.44	9.4	16.52	10.7	—	—
Carpenters	19.36	7.5	18.10	7.8	—	—
Electricians	25.39	4.6	—	—	—	—
Painters, construction and maintenance	13.81	17.0	11.26	9.4	—	—
Construction trades, n.e.c.	19.10	8.1	—	—	16.88	7.2
Drillers, oil well	16.74	9.7	16.74	9.7	—	—
Supervisors, production	25.94	12.8	25.51	13.9	—	—
Machinists	18.99	5.2	18.99	5.2	—	—
Electrical and electronic equipment assemblers ..	10.26	14.3	10.26	14.3	—	—
Butchers and meat cutters	9.30	16.9	9.30	16.9	—	—
Inspectors, testers, and graders	16.70	10.1	16.47	10.5	—	—
Water and sewer treatment plant operators	21.53	5.8	—	—	21.55	5.9
Machine operators, assemblers, and inspectors	10.18	4.9	10.11	5.0	—	—
Molding and casting machine operators	7.20	8.2	7.20	8.2	—	—
Printing press operators	14.30	15.1	14.30	15.1	—	—
Textile sewing machine operators	7.78	6.1	7.78	6.1	—	—
Mixing and blending machine operators	10.49	8.9	10.49	8.9	—	—
Photographic process machine operators	10.71	11.1	10.71	11.1	—	—
Miscellaneous machine operators, n.e.c.	9.82	9.9	9.46	9.7	—	—
Welders and cutters	15.71	21.8	14.65	23.5	—	—
Assemblers	9.81	6.1	9.81	6.1	—	—
Miscellaneous hand working, n.e.c.	7.45	2.3	7.45	2.3	—	—
Production inspectors, checkers and examiners ..	10.93	7.3	10.93	7.3	—	—
Transportation and material moving	13.41	11.1	12.77	13.1	18.59	8.1
Truck drivers	12.34	10.0	11.73	10.9	—	—
Industrial truck and tractor equipment operators ..	10.43	12.5	10.43	12.5	—	—
Miscellaneous material moving equipment operators, n.e.c.	13.93	15.3	11.74	5.2	—	—
Handlers, equipment cleaners, helpers, and laborers	9.65	4.1	9.32	4.3	15.88	5.2
Groundskeepers and gardeners, except farm	13.56	8.8	—	—	—	—
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	15.64	5.3	15.64	5.3	—	—
Helpers, mechanics and repairers	10.65	17.8	—	—	—	—
Construction laborers	8.97	9.5	8.80	9.3	—	—
Production helpers	8.05	10.4	8.05	10.4	—	—
Stock handlers and baggers	10.31	12.6	10.31	12.6	—	—

See footnotes at end of table.

Table 2-1. **Mean hourly earnings¹, all workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, July 1999** — Continued

Occupation ³	Total		Private industry		State and local government	
	Mean	Relative error ⁴ (percent)	Mean	Relative error ⁴ (percent)	Mean	Relative error ⁴ (percent)
Blue collar —Continued						
Handlers, equipment cleaners, helpers, and laborers						
—Continued						
Machine feeders and offbearers	\$9.24	14.0	\$9.24	14.0	—	—
Freight, stock, and material handlers, n.e.c.	8.57	9.0	8.57	9.0	—	—
Vehicle washers and equipment cleaners	8.15	7.8	8.15	7.8	—	—
Hand packers and packagers	7.48	5.7	7.48	5.7	—	—
Laborers, except construction, n.e.c.	11.07	6.8	10.25	7.7	\$15.81	6.8
Service	11.76	5.3	8.60	3.5	21.86	4.7
Protective service	18.45	11.4	8.17	7.6	25.54	4.5
Police and detectives, public service	26.05	4.3	—	—	26.05	4.3
Sheriffs, bailiffs, and other law enforcement officers	22.96	4.2	—	—	22.96	4.2
Guards and police, except public service	7.96	6.4	7.78	6.0	—	—
Food service	8.11	3.4	7.85	3.6	11.82	6.2
Waiters, waitresses, and bartenders	6.11	1.8	6.11	1.8	—	—
Bartenders	7.68	7.4	7.68	7.4	—	—
Waiters and waitresses	5.86	1.1	5.86	1.1	—	—
Waiters'/Waitresses' assistants	6.02	2.4	6.02	2.4	—	—
Other food service	8.84	4.0	8.55	4.2	11.82	6.2
Supervisors, food preparation and service	15.91	6.6	15.85	8.2	—	—
Cooks	9.83	6.5	9.80	6.6	—	—
Food counter, fountain, and related	6.72	4.6	6.72	4.6	—	—
Kitchen workers, food preparation	8.50	8.3	8.04	9.6	—	—
Food preparation, n.e.c.	7.50	4.5	7.08	4.7	10.47	5.8
Health service	9.28	4.7	8.97	4.9	12.25	5.0
Health aides, except nursing	12.45	3.7	12.07	5.0	—	—
Nursing aides, orderlies and attendants	8.54	4.4	8.41	4.6	—	—
Cleaning and building service	8.77	5.5	8.09	5.1	13.18	5.2
Supervisors, cleaning and building service workers	12.42	13.1	11.23	14.5	—	—
Maids and housemen	7.59	5.0	7.59	5.0	—	—
Janitors and cleaners	8.60	7.1	7.85	6.8	12.52	3.1
Personal service	10.72	11.1	10.70	12.2	10.85	9.4
Attendants, amusement, and recreation facilities	7.39	6.8	7.33	7.2	—	—
Public transportation attendants	24.31	25.1	24.31	25.1	—	—
Early childhood teachers' assistants	9.50	3.1	—	—	10.22	7.1
Child care workers, n.e.c.	10.02	10.4	10.03	13.7	9.96	6.9
Service, n.e.c.	7.73	9.0	7.44	8.2	—	—

¹ Earnings are the straight-time hourly wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, holidays, nonproduction bonuses, and tips. The mean is computed by totaling the pay of all workers and dividing by the number of workers, weighted by hours.

² All workers include full-time and part-time workers.

³ A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. See appendix B for more information.

⁴ The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around

a sample estimate. For more information about RSEs, see appendix A.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria, and n.e.c. means not elsewhere classified. Overall occupational groups may include data for categories not shown separately. IN THIS SURVEY, THE NONRESPONSE RATE FOR ALL INDUSTRIES AND PRIVATE INDUSTRY EXCEEDED REGULAR SURVEY STANDARDS FOR PUBLICATION. ACCORDINGLY, USERS SHOULD INTERPRET THESE RESULTS WITH THIS LIMITATION IN MIND.

Table 2-2. **Mean hourly earnings¹, full-time workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, July 1999**

Occupation ³	Total		Private industry		State and local government	
	Mean	Relative error ⁴ (percent)	Mean	Relative error ⁴ (percent)	Mean	Relative error ⁴ (percent)
All	\$19.19	2.7	\$18.00	3.5	\$24.18	2.1
All excluding sales	19.18	2.8	17.91	3.7	24.18	2.1
White collar	23.56	2.8	23.18	3.7	24.78	2.6
White collar excluding sales	23.99	2.9	23.71	3.9	24.78	2.6
Professional specialty and technical	29.35	2.4	28.42	3.5	31.21	2.5
Professional specialty	31.43	2.3	30.77	3.5	32.49	2.6
Engineers, architects, and surveyors	34.13	2.2	34.36	2.2	30.15	6.0
Aerospace engineers	35.18	4.4	35.18	4.4	—	—
Civil engineers	30.19	9.1	—	—	28.49	4.6
Electrical and electronic engineers	34.16	5.6	34.10	5.7	—	—
Industrial engineers	25.60	6.8	—	—	—	—
Mechanical engineers	29.59	6.7	28.94	6.9	—	—
Engineers, n.e.c.	34.67	2.4	34.67	2.4	—	—
Mathematical and computer scientists	28.53	3.2	29.48	2.6	25.00	5.7
Computer systems analysts and scientists	28.51	3.7	29.70	3.1	25.00	5.7
Operations and systems researchers and analysts	28.62	4.4	28.62	4.4	—	—
Natural scientists	28.82	6.8	30.55	7.3	25.95	6.0
Health related	26.36	4.1	26.52	4.6	25.42	8.0
Physicians	47.95	20.4	—	—	—	—
Registered nurses	24.67	2.5	24.72	2.9	24.38	2.7
Teachers, college and university	38.69	5.6	37.80	12.5	39.17	5.3
Business, commerce, and marketing teachers	47.56	27.7	47.56	27.7	—	—
Other post-secondary teachers	40.24	4.2	39.36	15.6	40.42	4.0
Teachers, except college and university	32.06	3.9	16.45	8.0	35.36	2.5
Elementary school teachers	34.20	4.1	15.44	2.8	35.85	3.1
Secondary school teachers	34.39	2.2	24.48	6.3	34.77	2.2
Teachers, special education	30.41	7.2	—	—	—	—
Teachers, n.e.c.	32.77	14.9	19.05	13.8	—	—
Vocational and educational counselors	27.45	16.1	—	—	31.44	13.8
Librarians, archivists, and curators	—	—	—	—	—	—
Social scientists and urban planners	32.94	9.0	—	—	31.66	19.5
Social, recreation, and religious workers	21.17	12.0	21.71	13.3	21.00	15.3
Social workers	21.77	12.6	24.60	7.4	21.02	16.1
Lawyers and judges	42.37	8.3	—	—	—	—
Lawyers	42.37	8.3	—	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.	39.08	12.0	39.92	11.7	—	—
Designers	32.48	20.7	32.48	20.7	—	—
Editors and reporters	49.31	17.9	49.31	17.9	—	—
Professional, n.e.c.	22.33	8.2	23.23	8.6	—	—
Technical	21.86	4.9	22.30	5.7	19.35	4.9
Clinical laboratory technologists and technicians	19.67	11.6	20.18	12.4	—	—
Radiological technicians	20.43	4.0	20.43	4.0	—	—
Licensed practical nurses	14.62	2.5	14.50	2.6	—	—
Health technologists and technicians, n.e.c.	16.74	4.7	16.80	7.1	—	—
Electrical and electronic technicians	21.34	6.5	21.11	6.6	—	—
Engineering technicians, n.e.c.	22.51	10.9	22.85	13.5	—	—
Computer programmers	27.79	5.6	—	—	—	—
Legal assistants	20.89	12.1	20.89	12.1	—	—
Technical and related, n.e.c.	24.44	11.3	25.18	13.1	20.83	4.7
Executive, administrative, and managerial	31.97	5.6	32.83	6.4	27.64	6.0
Executives, administrators, and managers	37.07	7.6	37.86	8.5	32.49	10.1
Administrators and officials, public administration	40.93	7.1	—	—	40.93	7.1
Financial managers	35.85	7.7	35.45	8.2	—	—
Personnel and labor relations managers	33.25	9.0	31.01	9.9	—	—
Managers, marketing, advertising, and public relations	41.50	12.4	42.10	12.6	—	—
Administrators, education and related fields	36.31	8.9	24.66	14.4	45.87	3.9
Managers, medicine and health	31.82	5.4	32.13	5.6	—	—
Managers, food servicing and lodging establishments	17.84	14.2	—	—	—	—
Managers, service organizations, n.e.c.	27.07	11.0	26.99	11.6	—	—

See footnotes at end of table.

Table 2-2. **Mean hourly earnings¹, full-time workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, July 1999** — Continued

Occupation ³	Total		Private industry		State and local government	
	Mean	Relative error ⁴ (percent)	Mean	Relative error ⁴ (percent)	Mean	Relative error ⁴ (percent)
White collar —Continued						
Executive, administrative, and managerial —Continued						
Executives, administrators, and managers —Continued						
Managers and administrators, n.e.c.	\$40.25	13.2	\$42.08	14.1	\$27.42	15.8
Management related	23.90	2.2	24.40	2.4	21.82	4.6
Accountants and auditors	23.54	3.8	23.62	4.4	—	—
Other financial officers	24.07	5.7	24.07	5.7	—	—
Management analysts	25.36	8.1	25.40	8.7	—	—
Personnel, training, and labor relations specialists	19.85	8.5	21.76	10.2	—	—
Purchasing agents and buyers, n.e.c.	23.93	4.9	23.94	4.9	—	—
Construction inspectors	26.34	4.8	—	—	25.88	6.2
Inspectors and compliance officers, except construction	24.86	6.4	—	—	—	—
Management related, n.e.c.	23.81	3.6	24.29	4.0	20.98	2.8
Sales	19.27	10.3	19.27	10.3	—	—
Supervisors, sales	31.23	28.6	31.23	28.6	—	—
Sales, other business services	18.78	19.0	18.78	19.0	—	—
Sales representatives, mining, manufacturing, and wholesale	26.49	12.3	26.49	12.3	—	—
Sales workers, motor vehicles and boats	22.06	7.9	22.06	7.9	—	—
Sales workers, parts	18.42	11.1	18.42	11.1	—	—
Sales workers, other commodities	14.62	14.1	14.62	14.1	—	—
Cashiers	10.19	9.7	10.19	9.7	—	—
Sales support, n.e.c.	14.51	9.8	14.51	9.8	—	—
Administrative support, including clerical	13.81	1.7	13.42	2.1	14.98	2.4
Supervisors, general office	18.46	4.5	18.38	6.8	18.56	5.4
Supervisors, distribution, scheduling, and adjusting clerks	19.95	12.7	—	—	—	—
Secretaries	16.57	2.9	16.56	3.2	16.65	6.5
Typists	14.06	5.0	—	—	—	—
Interviewers	11.27	4.6	—	—	—	—
Transportation ticket and reservation agents	13.68	7.6	13.68	7.6	—	—
Receptionists	10.89	3.8	10.89	3.8	—	—
Order clerks	11.75	8.0	11.11	6.6	—	—
Personnel clerks, except payroll and timekeeping	12.45	5.2	12.45	5.2	—	—
Library clerks	13.63	4.8	—	—	—	—
Records clerks, n.e.c.	13.11	6.0	13.21	11.6	13.02	4.5
Bookkeepers, accounting and auditing clerks	14.10	3.1	13.84	3.4	15.99	4.9
Payroll and timekeeping clerks	14.20	4.8	14.21	6.1	—	—
Telephone operators	11.32	7.8	10.08	6.8	—	—
Mail clerks, except postal service	10.38	7.2	10.55	7.6	—	—
Dispatchers	19.14	3.1	—	—	—	—
Production coordinators	16.35	9.1	16.37	9.2	—	—
Traffic, shipping and receiving clerks	10.04	5.5	10.04	5.5	—	—
Stock and inventory clerks	11.42	8.3	11.16	7.5	—	—
Meter readers	18.32	12.5	—	—	—	—
Insurance adjusters, examiners, and investigators	16.90	18.0	16.90	18.0	—	—
Investigators and adjusters, except insurance	15.73	6.5	15.35	7.0	—	—
Eligibility clerks, social welfare	13.66	4.8	—	—	14.48	.8
Bill and account collectors	13.43	3.9	13.09	5.0	—	—
General office clerks	12.68	3.1	11.65	4.8	13.72	3.6
Data entry keyers	12.85	3.8	12.48	5.2	—	—
Teachers' aides	11.67	6.3	12.11	21.9	—	—
Administrative support, n.e.c.	14.01	5.4	13.39	5.5	17.02	5.2
Blue collar	13.60	4.3	13.05	4.7	21.12	4.6
Precision production, craft, and repair	19.55	4.4	19.00	5.2	23.53	4.8
Supervisors, mechanics and repairers	26.88	6.6	26.59	7.3	—	—

See footnotes at end of table.

Table 2-2. **Mean hourly earnings¹, full-time workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, July 1999** — Continued

Occupation ³	Total		Private industry		State and local government	
	Mean	Relative error ⁴ (percent)	Mean	Relative error ⁴ (percent)	Mean	Relative error ⁴ (percent)
Blue collar —Continued						
Precision production, craft, and repair —Continued						
Automobile mechanics	\$19.19	8.2	\$19.01	8.5	—	—
Industrial machinery repairers	17.76	9.5	16.44	9.0	—	—
Machinery maintenance	14.33	14.1	14.33	14.1	—	—
Electronic repairers, communications and industrial equipment	21.02	7.5	20.62	10.6	—	—
Mechanics and repairers, n.e.c.	17.44	9.4	16.52	10.7	—	—
Carpenters	19.36	7.5	18.10	7.8	—	—
Electricians	25.39	4.6	—	—	—	—
Painters, construction and maintenance	13.81	17.0	11.26	9.4	—	—
Construction trades, n.e.c.	19.10	8.1	—	—	\$16.88	7.2
Drillers, oil well	16.74	9.7	16.74	9.7	—	—
Supervisors, production	25.94	12.8	25.51	13.9	—	—
Machinists	18.99	5.2	18.99	5.2	—	—
Electrical and electronic equipment assemblers ..	10.26	14.3	10.26	14.3	—	—
Inspectors, testers, and graders	16.90	10.3	16.67	10.6	—	—
Water and sewer treatment plant operators	21.53	5.8	—	—	21.55	5.9
Machine operators, assemblers, and inspectors						
Molding and casting machine operators	10.18	4.9	10.11	5.0	—	—
Printing press operators	7.21	8.3	7.21	8.3	—	—
Textile sewing machine operators	14.30	15.1	14.30	15.1	—	—
Mixing and blending machine operators	7.78	6.1	7.78	6.1	—	—
Photographic process machine operators	10.49	8.9	10.49	8.9	—	—
Miscellaneous machine operators, n.e.c.	10.71	11.1	10.71	11.1	—	—
Welders and cutters	9.82	9.9	9.46	9.7	—	—
Assemblers	15.71	21.8	14.65	23.5	—	—
Miscellaneous hand working, n.e.c.	9.81	6.1	9.81	6.1	—	—
Production inspectors, checkers and examiners ..	7.45	2.3	7.45	2.3	—	—
.....	10.93	7.3	10.93	7.3	—	—
Transportation and material moving						
Truck drivers	13.80	11.8	13.15	14.0	18.69	8.4
Industrial truck and tractor equipment operators ..	12.39	10.4	11.75	11.4	—	—
.....	10.68	13.4	10.68	13.4	—	—
Handlers, equipment cleaners, helpers, and laborers						
Groundskeepers and gardeners, except farm	9.85	4.3	9.47	4.5	15.88	5.2
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	13.56	8.8	—	—	—	—
Helpers, mechanics and repairers	15.64	5.3	15.64	5.3	—	—
Construction laborers	10.65	17.8	—	—	—	—
Production helpers	8.84	9.2	8.66	9.1	—	—
Stock handlers and baggers	8.05	10.4	8.05	10.4	—	—
Machine feeders and offbearers	10.54	13.7	10.54	13.7	—	—
Freight, stock, and material handlers, n.e.c.	9.24	14.0	9.24	14.0	—	—
Vehicle washers and equipment cleaners	8.60	10.5	8.60	10.5	—	—
Hand packers and packagers	8.23	7.6	8.23	7.6	—	—
Laborers, except construction, n.e.c.	7.54	6.3	7.54	6.3	—	—
.....	12.41	6.9	11.52	8.6	15.81	6.8
Service						
Protective service	12.75	6.0	9.02	4.2	23.55	3.9
Police and detectives, public service	19.38	11.7	8.34	8.9	26.45	3.7
Sheriffs, bailiffs, and other law enforcement officers	26.05	4.3	—	—	26.05	4.3
Guards and police, except public service	23.37	3.3	—	—	23.37	3.3
Food service	8.05	7.5	7.90	7.2	—	—
Waiters, waitresses, and bartenders	8.82	4.3	8.55	4.4	12.73	7.0
Waiters and waitresses	6.37	3.0	6.37	3.0	—	—
Waiters'/Waitresses' assistants	5.81	.5	5.81	.5	—	—
Other food service	6.11	4.1	6.11	4.1	—	—
Supervisors, food preparation and service	9.35	4.7	9.06	4.9	12.73	7.0
Cooks	16.78	4.0	16.98	4.9	—	—
Food counter, fountain, and related	10.04	6.8	10.01	7.0	—	—
.....	6.32	3.1	6.32	3.1	—	—

See footnotes at end of table.

Table 2-2. **Mean hourly earnings¹, full-time workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, July 1999** — Continued

Occupation ³	Total		Private industry		State and local government	
	Mean	Relative error ⁴ (percent)	Mean	Relative error ⁴ (percent)	Mean	Relative error ⁴ (percent)
Service —Continued						
Food service—Continued						
Other food service—Continued						
Kitchen workers, food preparation	\$8.31	9.1	\$8.04	9.6	—	—
Food preparation, n.e.c.	7.96	4.9	7.54	4.7	—	—
Health service	9.31	5.3	9.00	5.5	\$12.41	5.4
Health aides, except nursing	12.67	3.8	12.30	5.0	—	—
Nursing aides, orderlies and attendants	8.57	5.1	8.44	5.2	—	—
Cleaning and building service	8.89	6.0	8.16	5.6	13.29	5.2
Supervisors, cleaning and building service workers	12.42	13.1	11.23	14.5	—	—
Maids and housemen	7.76	5.4	7.76	5.4	—	—
Janitors and cleaners	8.67	7.7	7.85	7.5	12.61	3.1
Personal service	11.90	14.9	11.80	15.0	—	—
Public transportation attendants	25.78	22.3	25.78	22.3	—	—
Service, n.e.c.	7.87	11.2	7.54	9.6	—	—

¹ Earnings are the straight-time hourly wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, holidays, nonproduction bonuses, and tips. The mean is computed by totaling the pay of all workers and dividing by the number of workers, weighted by hours.

² Employees are classified as working either a full-time or a part-time schedule based on the definition used by each establishment. Therefore, a worker with a 35-hour-per-week schedule might be considered a full-time employee in one establishment, but classified as part-time in another firm, where a 40-hour week is the minimum full-time schedule.

³ A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. See appendix B for more information.

⁴ The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see appendix A.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria, and n.e.c. means not elsewhere classified. Overall occupational groups may include data for categories not shown separately. IN THIS SURVEY, THE NONRESPONSE RATE FOR ALL INDUSTRIES AND PRIVATE INDUSTRY EXCEEDED REGULAR SURVEY STANDARDS FOR PUBLICATION. ACCORDINGLY, USERS SHOULD INTERPRET THESE RESULTS WITH THIS LIMITATION IN MIND.

Table 2-3. **Mean hourly earnings¹, part-time workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, July 1999**

Occupation ³	Total		Private industry		State and local government	
	Mean	Relative error ⁴ (percent)	Mean	Relative error ⁴ (percent)	Mean	Relative error ⁴ (percent)
All	\$10.53	4.0	\$9.36	4.2	\$15.54	7.4
All excluding sales	11.01	4.5	9.66	5.1	15.57	7.5
White collar	12.93	5.4	11.20	6.4	17.77	7.9
White collar excluding sales	15.33	5.6	13.68	7.9	17.85	7.9
Professional specialty and technical	22.80	6.3	20.65	7.5	25.19	9.4
Professional specialty	24.59	6.3	22.22	8.9	26.80	7.9
Health related	25.11	4.3	25.55	4.8	—	—
Registered nurses	23.95	3.9	24.26	4.4	—	—
Teachers, college and university	33.68	3.6	26.92	36.3	34.14	3.2
Other post-secondary teachers	32.99	3.4	—	—	33.66	3.2
Teachers, except college and university	23.30	15.1	16.16	10.2	24.12	15.7
Secondary school teachers	20.18	10.9	20.18	10.9	—	—
Teachers, n.e.c.	30.37	16.0	16.34	14.3	—	—
Substitute teachers	18.21	4.4	—	—	18.25	4.3
Social scientists and urban planners	—	—	—	—	—	—
Social, recreation, and religious workers	—	—	—	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.	16.23	26.2	16.23	26.2	—	—
Technical	14.37	9.4	15.71	6.3	—	—
Licensed practical nurses	14.87	4.5	—	—	—	—
Executive, administrative, and managerial	39.22	17.8	—	—	31.25	34.2
Executives, administrators, and managers	39.75	17.8	—	—	31.25	34.2
Management related	—	—	—	—	—	—
Sales	8.34	5.7	8.31	5.7	—	—
Sales workers, furniture and home furnishings	7.25	9.7	7.25	9.7	—	—
Sales workers, other commodities	7.52	3.5	7.52	3.5	—	—
Cashiers	10.10	7.1	10.06	7.3	—	—
Administrative support, including clerical	10.38	3.4	9.52	3.6	11.98	5.5
Secretaries	12.74	6.5	12.74	6.5	—	—
Receptionists	8.57	11.7	7.73	9.2	—	—
General office clerks	9.83	7.5	9.08	9.3	12.39	8.0
Teachers' aides	11.82	6.9	—	—	11.89	7.0
Administrative support, n.e.c.	7.34	9.6	7.28	11.6	—	—
Blue collar	8.99	6.3	8.94	6.3	—	—
Precision production, craft, and repair	—	—	—	—	—	—
Machine operators, assemblers, and inspectors	—	—	—	—	—	—
Transportation and material moving	10.03	7.8	9.78	7.6	—	—
Handlers, equipment cleaners, helpers, and laborers	8.51	7.1	8.51	7.1	—	—
Stock handlers and baggers	9.77	13.2	9.77	13.2	—	—
Laborers, except construction, n.e.c.	7.84	6.2	7.84	6.2	—	—
Service	7.32	2.8	6.97	2.5	9.26	8.6
Protective service	7.07	6.6	—	—	—	—
Food service	6.61	2.7	6.35	2.4	10.02	4.6
Waiters, waitresses, and bartenders	5.89	1.1	5.89	1.1	—	—
Waiters and waitresses	5.89	1.5	5.89	1.5	—	—
Waiters'/Waitresses' assistants	5.90	1.9	5.90	1.9	—	—
Other food service	7.21	4.7	6.80	4.5	10.02	4.6
Food counter, fountain, and related	7.19	10.9	7.19	10.9	—	—
Food preparation, n.e.c.	6.65	4.2	6.21	2.4	—	—
Health service	9.00	7.4	8.76	8.0	—	—
Nursing aides, orderlies and attendants	8.29	7.1	8.19	7.7	—	—
Cleaning and building service	7.53	5.3	7.39	5.5	—	—
Janitors and cleaners	7.96	6.0	7.80	6.1	—	—
Personal service	8.20	6.1	7.62	6.5	9.92	5.1
Attendants, amusement, and recreation facilities	7.48	6.8	—	—	—	—

See footnotes at end of table.

Table 2-3. **Mean hourly earnings¹, part-time workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, July 1999** — Continued

Occupation ³	Total		Private industry		State and local government	
	Mean	Relative error ⁴ (percent)	Mean	Relative error ⁴ (percent)	Mean	Relative error ⁴ (percent)
Service —Continued						
Personal service —Continued						
Early childhood teachers' assistants	\$9.62	5.7	—	—	\$10.22	7.1
Child care workers, n.e.c.	8.22	10.6	\$7.01	4.6	9.96	6.9
Service, n.e.c.	7.34	11.0	7.14	10.9	—	—

¹ Earnings are the straight-time hourly wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, holidays, nonproduction bonuses, and tips. The mean is computed by totaling the pay of all workers and dividing by the number of workers, weighted by hours.

² Employees are classified as working either a full-time or a part-time schedule based on the definition used by each establishment. Therefore, a worker with a 35-hour-per-week schedule might be considered a full-time employee in one establishment, but classified as part-time in another firm, where a 40-hour week is the minimum full-time schedule.

³ A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. See appendix B for more information.

⁴ The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see appendix A.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria, and n.e.c. means not elsewhere classified. Overall occupational groups may include data for categories not shown separately. IN THIS SURVEY, THE NONRESPONSE RATE FOR ALL INDUSTRIES AND PRIVATE INDUSTRY EXCEEDED REGULAR SURVEY STANDARDS FOR PUBLICATION. ACCORDINGLY, USERS SHOULD INTERPRET THESE RESULTS WITH THIS LIMITATION IN MIND.

Table 3-1. **Mean weekly earnings¹, full-time workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, July 1999**

Occupation ³	Total			Private industry			State and local government		
	Weekly earnings		Mean weekly hours ⁵	Weekly earnings		Mean weekly hours ⁵	Weekly earnings		Mean weekly hours ⁵
	Mean	Relative error ⁴ (percent)		Mean	Relative error ⁴ (percent)		Mean	Relative error ⁴ (percent)	
All	\$759	2.7	39.5	\$715	3.6	39.7	\$936	2.1	38.7
All excluding sales	758	2.8	39.5	711	3.8	39.7	936	2.1	38.7
White collar	931	2.9	39.5	926	3.8	40.0	944	2.4	38.1
White collar excluding sales	946	3.0	39.4	946	4.1	39.9	944	2.4	38.1
Professional specialty and technical	1,132	2.6	38.6	1,128	3.8	39.7	1,138	2.2	36.5
Professional specialty	1,210	2.6	38.5	1,235	3.9	40.1	1,175	2.3	36.2
Engineers, architects, and surveyors	1,373	2.3	40.2	1,383	2.3	40.3	1,206	6.0	40.0
Aerospace engineers	1,407	4.4	40.0	1,407	4.4	40.0	—	—	—
Civil engineers	1,208	9.1	40.0	—	—	—	1,139	4.6	40.0
Electrical and electronic engineers	1,385	5.2	40.6	1,384	5.3	40.6	—	—	—
Industrial engineers	1,007	7.2	39.3	—	—	—	—	—	—
Mechanical engineers	1,208	7.8	40.8	1,184	8.3	40.9	—	—	—
Engineers, n.e.c.	1,387	2.4	40.0	1,387	2.4	40.0	—	—	—
Mathematical and computer scientists	1,147	3.2	40.2	1,186	2.7	40.2	1,000	5.7	40.0
Computer systems analysts and scientists	1,147	3.8	40.2	1,197	3.2	40.3	1,000	5.7	40.0
Operations and systems researchers and analysts	1,145	4.4	40.0	1,145	4.4	40.0	—	—	—
Natural scientists	1,153	6.8	40.0	1,222	7.3	40.0	1,038	6.0	40.0
Health related	1,027	4.3	39.0	1,029	4.8	38.8	1,017	8.0	40.0
Physicians	1,918	20.4	40.0	—	—	—	—	—	—
Registered nurses	955	2.8	38.7	952	3.2	38.5	975	2.7	40.0
Teachers, college and university	1,460	4.7	37.7	1,413	10.1	37.4	1,486	4.8	37.9
Business, commerce, and marketing teachers	1,724	18.7	36.2	1,724	18.7	36.2	—	—	—
Other post-secondary teachers	1,511	4.0	37.5	1,493	18.1	37.9	1,514	3.1	37.5
Teachers, except college and university	1,115	3.0	34.8	655	7.9	39.8	1,198	1.9	33.9
Elementary school teachers	1,167	3.4	34.1	613	2.4	39.7	1,208	2.9	33.7
Secondary school teachers	1,188	2.7	34.5	983	6.4	40.2	1,195	2.7	34.4
Teachers, special education	1,121	4.7	36.9	—	—	—	—	—	—
Teachers, n.e.c.	1,100	9.8	33.6	755	13.6	39.6	—	—	—
Vocational and educational counselors	1,002	11.3	36.5	—	—	—	1,117	8.6	35.5
Librarians, archivists, and curators	—	—	—	—	—	—	—	—	—
Social scientists and urban planners	1,289	8.1	39.1	—	—	—	1,210	16.9	38.2
Social, recreation, and religious workers	847	12.0	40.0	868	13.3	40.0	840	15.3	40.0
Social workers	871	12.6	40.0	984	7.4	40.0	841	16.1	40.0
Lawyers and judges	1,849	12.1	43.6	—	—	—	—	—	—
Lawyers	1,849	12.1	43.6	—	—	—	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.	1,687	14.1	43.2	1,730	13.8	43.3	—	—	—
Designers	1,453	26.8	44.8	1,453	26.8	44.8	—	—	—
Editors and reporters	2,167	22.6	43.9	2,167	22.6	43.9	—	—	—
Professional, n.e.c.	893	8.2	40.0	929	8.6	40.0	—	—	—
Technical	847	4.2	38.7	861	4.8	38.6	764	5.3	39.5
Clinical laboratory technologists and technicians	784	11.7	39.8	804	12.5	39.8	—	—	—
Radiological technicians	817	4.0	40.0	817	4.0	40.0	—	—	—
Licensed practical nurses	572	3.0	39.1	566	3.1	39.0	—	—	—
Health technologists and technicians, n.e.c.	667	4.8	39.8	668	7.3	39.7	—	—	—

See footnotes at end of table.

Table 3-1. **Mean weekly earnings¹, full-time workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, July 1999** — Continued

Occupation ³	Total			Private industry			State and local government		
	Weekly earnings		Mean weekly hours ⁵	Weekly earnings		Mean weekly hours ⁵	Weekly earnings		Mean weekly hours ⁵
	Mean	Relative error ⁴ (percent)		Mean	Relative error ⁴ (percent)		Mean	Relative error ⁴ (percent)	
White collar —Continued									
Professional specialty and technical —Continued									
Technical —Continued									
Electrical and electronic technicians	\$848	6.5	39.7	\$838	6.6	39.7	—	—	—
Engineering technicians, n.e.c.	900	10.9	40.0	914	13.5	40.0	—	—	—
Computer programmers	1,112	5.6	40.0	—	—	—	—	—	—
Legal assistants	836	12.1	40.0	836	12.1	40.0	—	—	—
Technical and related, n.e.c. ..	977	11.3	40.0	1,007	13.1	40.0	\$833	4.7	40.0
Executive, administrative, and managerial	1,291	5.8	40.4	1,327	6.6	40.4	1,108	6.2	40.1
Executives, administrators, and managers	1,506	7.7	40.6	1,540	8.6	40.7	1,307	10.4	40.2
Administrators and officials, public administration	1,637	7.1	40.0	—	—	—	1,637	7.1	40.0
Financial managers	1,415	7.5	39.5	1,399	8.0	39.5	—	—	—
Personnel and labor relations managers	1,356	8.8	40.8	1,272	9.9	41.0	—	—	—
Managers, marketing, advertising, and public relations	1,712	13.6	41.3	1,739	13.8	41.3	—	—	—
Administrators, education and related fields	1,478	10.1	40.7	990	14.5	40.2	1,888	5.9	41.2
Managers, medicine and health	1,272	5.4	40.0	1,284	5.6	40.0	—	—	—
Managers, food servicing and lodging establishments	747	14.1	41.9	—	—	—	—	—	—
Managers, service organizations, n.e.c.	1,122	9.0	41.4	1,120	9.5	41.5	—	—	—
Managers and administrators, n.e.c.	1,640	13.5	40.7	1,719	14.4	40.9	1,097	15.8	40.0
Management related	955	2.3	40.0	975	2.5	40.0	872	4.7	39.9
Accountants and auditors	937	3.7	39.8	939	4.2	39.7	—	—	—
Other financial officers	1,000	5.6	41.5	1,000	5.6	41.5	—	—	—
Management analysts	1,010	7.9	39.8	1,011	8.6	39.8	—	—	—
Personnel, training, and labor relations specialists	798	8.7	40.2	877	10.5	40.3	—	—	—
Purchasing agents and buyers, n.e.c.	946	4.5	39.5	946	4.5	39.5	—	—	—
Construction inspectors	1,047	5.4	39.7	—	—	—	1,026	7.1	39.7
Inspectors and compliance officers, except construction	994	6.4	40.0	—	—	—	—	—	—
Management related, n.e.c.	943	3.8	39.6	961	4.3	39.6	837	2.9	39.9
Sales	777	10.6	40.3	777	10.6	40.3	—	—	—
Supervisors, sales	1,325	32.9	42.4	1,325	32.9	42.4	—	—	—
Sales, other business services	751	19.0	40.0	751	19.0	40.0	—	—	—
Sales representatives, mining, manufacturing, and wholesale	1,060	12.3	40.0	1,060	12.3	40.0	—	—	—
Sales workers, motor vehicles and boats	940	7.8	42.6	940	7.8	42.6	—	—	—
Sales workers, parts	743	11.1	40.4	743	11.1	40.4	—	—	—
Sales workers, other commodities	577	14.6	39.4	577	14.6	39.4	—	—	—
Cashiers	405	9.7	39.7	405	9.7	39.7	—	—	—
Sales support, n.e.c.	579	9.9	39.9	579	9.9	39.9	—	—	—

See footnotes at end of table.

Table 3-1. **Mean weekly earnings¹, full-time workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, July 1999** — Continued

Occupation ³	Total			Private industry			State and local government		
	Weekly earnings		Mean weekly hours ⁵	Weekly earnings		Mean weekly hours ⁵	Weekly earnings		Mean weekly hours ⁵
	Mean	Relative error ⁴ (percent)		Mean	Relative error ⁴ (percent)		Mean	Relative error ⁴ (percent)	
White collar –Continued									
Administrative support, including									
clerical	\$549	1.7	39.7	\$534	2.1	39.8	\$595	2.5	39.7
Supervisors, general office	749	3.8	40.6	755	5.4	41.1	742	5.4	40.0
Supervisors, distribution, scheduling, and adjusting clerks	836	13.7	41.9	—	—	—	—	—	—
Secretaries	663	3.0	40.0	663	3.3	40.0	666	6.5	40.0
Typists	562	5.0	40.0	—	—	—	—	—	—
Interviewers	433	6.8	38.4	—	—	—	—	—	—
Transportation ticket and reservation agents	547	7.6	40.0	547	7.6	40.0	—	—	—
Receptionists	423	4.4	38.9	423	4.4	38.9	—	—	—
Order clerks	470	8.0	40.0	444	6.6	40.0	—	—	—
Personnel clerks, except payroll and timekeeping	498	5.2	40.0	498	5.2	40.0	—	—	—
Library clerks	545	4.8	40.0	—	—	—	—	—	—
Records clerks, n.e.c.	523	5.8	39.9	525	11.2	39.8	521	4.5	40.0
Bookkeepers, accounting and auditing clerks	559	3.1	39.7	549	3.4	39.7	638	4.9	39.9
Payroll and timekeeping clerks	568	4.8	40.0	568	6.1	40.0	—	—	—
Telephone operators	453	7.8	40.0	403	6.8	40.0	—	—	—
Mail clerks, except postal service	411	6.7	39.6	417	7.1	39.5	—	—	—
Dispatchers	754	3.4	39.4	—	—	—	—	—	—
Production coordinators	654	9.1	40.0	655	9.2	40.0	—	—	—
Traffic, shipping and receiving clerks	401	5.5	39.9	401	5.5	39.9	—	—	—
Stock and inventory clerks	453	8.0	39.7	443	7.1	39.7	—	—	—
Meter readers	733	12.5	40.0	—	—	—	—	—	—
Insurance adjusters, examiners, and investigators	666	17.5	39.4	666	17.5	39.4	—	—	—
Investigators and adjusters, except insurance	622	6.7	39.5	606	7.3	39.5	—	—	—
Eligibility clerks, social welfare	546	4.8	40.0	—	—	—	579	.8	40.0
Bill and account collectors	522	3.3	38.8	505	3.5	38.6	—	—	—
General office clerks	500	3.1	39.4	457	4.8	39.2	544	3.6	39.7
Data entry keyers	512	3.7	39.8	496	5.2	39.8	—	—	—
Teachers' aides	428	9.2	36.7	454	23.4	37.4	—	—	—
Administrative support, n.e.c.	560	5.4	40.0	536	5.6	40.0	681	5.2	40.0
Blue collar	542	4.3	39.9	520	4.7	39.9	844	4.6	40.0
Precision production, craft, and repair									
Supervisors, mechanics and repairers	782	4.4	40.0	760	5.2	40.0	940	4.8	39.9
Automobile mechanics	1,076	6.6	40.0	1,065	7.3	40.0	—	—	—
Industrial machinery repairers	768	8.2	40.0	760	8.5	40.0	—	—	—
Machinery maintenance	710	9.5	40.0	657	9.0	40.0	—	—	—
Electronic repairers, communications and industrial equipment	573	14.1	40.0	573	14.1	40.0	—	—	—
Mechanics and repairers, n.e.c.	823	8.4	39.1	799	11.8	38.7	—	—	—
Carpenters	687	9.3	39.4	653	10.3	39.5	—	—	—
Electricians	764	7.4	39.5	711	7.1	39.3	—	—	—
Painters, construction and maintenance	1,016	4.6	40.0	—	—	—	—	—	—
Construction trades, n.e.c.	552	17.0	40.0	450	9.4	40.0	—	—	—
Drillers, oil well	750	8.1	39.3	—	—	—	675	7.2	40.0
	692	9.3	41.3	692	9.3	41.3	—	—	—

See footnotes at end of table.

Table 3-1. **Mean weekly earnings¹, full-time workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, July 1999** — Continued

Occupation ³	Total			Private industry			State and local government		
	Weekly earnings		Mean weekly hours ⁵	Weekly earnings		Mean weekly hours ⁵	Weekly earnings		Mean weekly hours ⁵
	Mean	Relative error ⁴ (percent)		Mean	Relative error ⁴ (percent)		Mean	Relative error ⁴ (percent)	
Blue collar —Continued									
Precision production, craft, and repair —Continued									
Supervisors, production	\$1,045	12.7	40.3	\$1,027	13.8	40.3	—	—	—
Machinists	760	5.2	40.0	760	5.2	40.0	—	—	—
Electrical and electronic equipment assemblers	410	14.3	40.0	410	14.3	40.0	—	—	—
Inspectors, testers, and graders	686	11.3	40.6	677	11.7	40.6	—	—	—
Water and sewer treatment plant operators	861	5.8	40.0	—	—	—	\$862	5.9	40.0
Machine operators, assemblers, and inspectors	405	4.9	39.8	402	4.9	39.8	—	—	—
Molding and casting machine operators	288	8.3	40.0	288	8.3	40.0	—	—	—
Printing press operators	563	14.2	39.4	563	14.2	39.4	—	—	—
Textile sewing machine operators	309	6.1	39.7	309	6.1	39.7	—	—	—
Mixing and blending machine operators	420	9.1	40.1	420	9.1	40.1	—	—	—
Photographic process machine operators	414	10.8	38.6	414	10.8	38.6	—	—	—
Miscellaneous machine operators, n.e.c.	385	9.9	39.2	371	9.7	39.2	—	—	—
Welders and cutters	629	21.8	40.0	586	23.5	40.0	—	—	—
Assemblers	391	6.1	39.9	391	6.1	39.9	—	—	—
Miscellaneous hand working, n.e.c.	298	2.3	40.0	298	2.3	40.0	—	—	—
Production inspectors, checkers and examiners ...	437	7.3	40.0	437	7.3	40.0	—	—	—
Transportation and material moving	552	11.8	40.0	526	14.0	40.0	747	8.4	40.0
Truck drivers	496	10.4	40.0	470	11.4	40.0	—	—	—
Industrial truck and tractor equipment operators	427	13.4	40.0	427	13.4	40.0	—	—	—
Handlers, equipment cleaners, helpers, and laborers	392	4.3	39.9	377	4.4	39.8	635	5.2	40.0
Groundskeepers and gardeners, except farm	542	8.8	40.0	—	—	—	—	—	—
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	626	5.3	40.0	626	5.3	40.0	—	—	—
Helpers, mechanics and repairers	416	18.5	39.1	—	—	—	—	—	—
Construction laborers	354	9.2	40.0	347	9.1	40.0	—	—	—
Production helpers	319	9.8	39.7	319	9.8	39.7	—	—	—
Stock handlers and baggers ...	420	13.7	39.9	420	13.7	39.9	—	—	—
Machine feeders and offbearers	366	13.8	39.6	366	13.8	39.6	—	—	—
Freight, stock, and material handlers, n.e.c.	343	10.5	39.9	343	10.5	39.9	—	—	—
Vehicle washers and equipment cleaners	329	7.6	40.0	329	7.6	40.0	—	—	—
Hand packers and packagers	301	6.3	40.0	301	6.3	40.0	—	—	—
Laborers, except construction, n.e.c.	493	6.6	39.8	457	8.1	39.7	633	6.8	40.0
Service	498	6.0	39.1	348	3.7	38.6	952	4.4	40.4

See footnotes at end of table.

Table 3-1. **Mean weekly earnings¹, full-time workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, July 1999** — Continued

Occupation ³	Total			Private industry			State and local government		
	Weekly earnings		Mean weekly hours ⁵	Weekly earnings		Mean weekly hours ⁵	Weekly earnings		Mean weekly hours ⁵
	Mean	Relative error ⁴ (percent)		Mean	Relative error ⁴ (percent)		Mean	Relative error ⁴ (percent)	
Service—Continued									
Protective service	\$783	12.0	40.4	\$332	8.8	39.7	\$1,079	4.4	40.8
Police and detectives, public service	1,029	4.6	39.5	—	—	—	1,029	4.6	39.5
Sheriffs, bailiffs, and other law enforcement officers	935	3.3	40.0	—	—	—	935	3.3	40.0
Guards and police, except public service	320	7.4	39.7	314	7.0	39.7	—	—	—
Food service	343	4.9	38.9	333	5.1	38.9	493	8.3	38.7
Waiters, waitresses, and bartenders	233	5.3	36.6	233	5.3	36.6	—	—	—
Waiters and waitresses	212	7.3	36.5	212	7.3	36.5	—	—	—
Waiters'/Waitresses' assistants	230	3.9	37.7	230	3.9	37.7	—	—	—
Other food service	369	5.3	39.5	358	5.6	39.5	493	8.3	38.7
Supervisors, food preparation and service	669	4.0	39.8	676	4.9	39.8	—	—	—
Cooks	408	9.6	40.7	407	9.9	40.7	—	—	—
Food counter, fountain, and related	236	3.3	37.3	236	3.3	37.3	—	—	—
Kitchen workers, food preparation	328	9.4	39.4	317	9.9	39.4	—	—	—
Food preparation, n.e.c.	310	5.1	39.0	296	5.5	39.2	—	—	—
Health service	361	5.7	38.8	348	5.9	38.7	496	5.4	40.0
Health aides, except nursing ..	507	3.8	40.0	492	5.0	40.0	—	—	—
Nursing aides, orderlies and attendants	330	5.5	38.5	325	5.6	38.4	—	—	—
Cleaning and building service	354	5.9	39.8	325	5.5	39.8	532	5.2	40.0
Supervisors, cleaning and building service workers ...	497	13.1	40.0	449	14.5	40.0	—	—	—
Maids and housemen	305	5.6	39.2	305	5.6	39.2	—	—	—
Janitors and cleaners	347	7.7	40.0	314	7.5	40.0	504	3.1	40.0
Personal service	421	10.5	35.4	419	10.7	35.5	—	—	—
Public transportation attendants	633	6.7	24.6	633	6.7	24.6	—	—	—
Service, n.e.c.	311	10.3	39.5	302	9.6	40.0	—	—	—

¹ Earnings are the straight-time weekly wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, holidays, nonproduction bonuses, and tips. The mean is computed by totaling the pay of all workers and dividing by the number of workers, weighted by hours.

² Employees are classified as working either a full-time or a part-time schedule based on the definition used by each establishment. Therefore, a worker with a 35-hour-per-week schedule might be considered a full-time employee in one establishment, but classified as part-time in another firm, where a 40-hour week is the minimum full-time schedule.

³ A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. See appendix B for more information.

⁴ The relative standard error (RSE) is the standard error expressed as a

percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see appendix A.

⁵ Mean weekly hours are the hours an employee is scheduled to work in a week, exclusive of overtime.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria, and n.e.c. means not elsewhere classified. Overall occupational groups may include data for categories not shown separately. IN THIS SURVEY, THE NONRESPONSE RATE FOR ALL INDUSTRIES AND PRIVATE INDUSTRY EXCEEDED REGULAR SURVEY STANDARDS FOR PUBLICATION. ACCORDINGLY, USERS SHOULD INTERPRET THESE RESULTS WITH THIS LIMITATION IN MIND.

Table 3-2. **Mean annual earnings¹, full-time workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, July 1999**

Occupation ³	Total			Private industry			State and local government		
	Annual earnings		Mean annual hours ⁵	Annual earnings		Mean annual hours ⁵	Annual earnings		Mean annual hours ⁵
	Mean	Relative error ⁴ (percent)		Mean	Relative error ⁴ (percent)		Mean	Relative error ⁴ (percent)	
All	\$38,506	2.7	2,007	\$37,033	3.6	2,058	\$43,975	2.1	1,819
All excluding sales	38,410	2.8	2,002	36,809	3.8	2,055	43,975	2.1	1,819
White collar	46,624	2.9	1,979	48,000	3.8	2,071	42,935	2.4	1,732
White collar excluding sales	47,221	3.0	1,968	49,035	4.1	2,068	42,935	2.4	1,732
Professional specialty and technical	53,916	2.6	1,837	58,209	3.8	2,048	47,539	2.2	1,523
Professional specialty	56,406	2.6	1,794	63,503	3.9	2,064	48,239	2.3	1,485
Engineers, architects, and surveyors	71,419	2.3	2,092	71,921	2.3	2,093	62,715	6.0	2,080
Aerospace engineers	73,166	4.4	2,080	73,166	4.4	2,080	—	—	—
Civil engineers	62,798	9.1	2,080	—	—	—	59,250	4.6	2,080
Electrical and electronic engineers	72,045	5.2	2,109	71,947	5.3	2,110	—	—	—
Industrial engineers	52,354	7.2	2,045	—	—	—	—	—	—
Mechanical engineers	62,825	7.8	2,123	61,589	8.3	2,128	—	—	—
Engineers, n.e.c.	72,107	2.4	2,080	72,121	2.4	2,080	—	—	—
Mathematical and computer scientists	59,632	3.2	2,090	61,695	2.7	2,093	51,995	5.7	2,080
Computer systems analysts and scientists	59,653	3.8	2,092	62,253	3.2	2,096	51,995	5.7	2,080
Operations and systems researchers and analysts	59,523	4.4	2,080	59,523	4.4	2,080	—	—	—
Natural scientists	59,951	6.8	2,080	63,544	7.3	2,080	53,986	6.0	2,080
Health related	53,265	4.3	2,021	53,506	4.8	2,017	51,867	8.0	2,040
Physicians	99,745	20.4	2,080	—	—	—	—	—	—
Registered nurses	49,491	2.8	2,006	49,501	3.2	2,003	49,430	2.7	2,028
Teachers, college and university	59,117	4.7	1,528	56,481	10.1	1,494	60,606	4.8	1,547
Business, commerce, and marketing teachers	60,642	18.7	1,275	60,642	18.7	1,275	—	—	—
Other post-secondary teachers	62,091	4.0	1,543	65,413	18.1	1,662	61,469	3.1	1,521
Teachers, except college and university	43,028	3.0	1,342	31,811	7.9	1,934	44,576	1.9	1,260
Elementary school teachers	43,237	3.4	1,264	28,413	2.4	1,840	44,105	2.9	1,230
Secondary school teachers	43,978	2.7	1,279	38,988	6.4	1,593	44,132	2.7	1,269
Teachers, special education	48,093	4.7	1,581	—	—	—	—	—	—
Teachers, n.e.c.	45,396	9.8	1,385	36,689	13.6	1,926	—	—	—
Vocational and educational counselors	42,868	11.3	1,562	—	—	—	45,655	8.6	1,452
Librarians, archivists, and curators	—	—	—	—	—	—	—	—	—
Social scientists and urban planners	60,726	8.1	1,843	—	—	—	51,848	16.9	1,638
Social, recreation, and religious workers	44,029	12.0	2,080	45,160	13.3	2,080	43,671	15.3	2,080
Social workers	45,287	12.6	2,080	51,175	7.4	2,080	43,724	16.1	2,080
Lawyers and judges	96,133	12.1	2,269	—	—	—	—	—	—
Lawyers	96,133	12.1	2,269	—	—	—	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.	87,661	14.1	2,243	89,895	13.8	2,252	—	—	—
Designers	75,402	26.8	2,322	75,402	26.8	2,322	—	—	—
Editors and reporters	112,686	22.6	2,285	112,686	22.6	2,285	—	—	—
Professional, n.e.c.	46,438	8.2	2,080	48,308	8.6	2,080	—	—	—
Technical	43,898	4.2	2,008	44,794	4.8	2,008	38,833	5.3	2,007
Clinical laboratory technologists and technicians	40,767	11.7	2,072	41,786	12.5	2,071	—	—	—
Radiological technicians	42,484	4.0	2,080	42,484	4.0	2,080	—	—	—
Licensed practical nurses	29,722	3.0	2,033	29,428	3.1	2,030	—	—	—
Health technologists and technicians, n.e.c.	34,675	4.8	2,072	34,729	7.3	2,067	—	—	—

See footnotes at end of table.

Table 3-2. **Mean annual earnings¹, full-time workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, July 1999** — Continued

Occupation ³	Total			Private industry			State and local government		
	Annual earnings		Mean annual hours ⁵	Annual earnings		Mean annual hours ⁵	Annual earnings		Mean annual hours ⁵
	Mean	Relative error ⁴ (percent)		Mean	Relative error ⁴ (percent)		Mean	Relative error ⁴ (percent)	
White collar –Continued									
Professional specialty and technical –Continued									
Technical –Continued									
Electrical and electronic technicians	\$44,084	6.5	2,066	\$43,584	6.6	2,065	–	–	–
Engineering technicians, n.e.c.	46,820	10.9	2,080	47,531	13.5	2,080	–	–	–
Computer programmers	57,803	5.6	2,080	–	–	–	–	–	–
Legal assistants	43,449	12.1	2,080	43,449	12.1	2,080	–	–	–
Technical and related, n.e.c. ..	50,827	11.3	2,080	52,377	13.1	2,080	\$43,324	4.7	2,080
Executive, administrative, and managerial	66,564	5.8	2,082	68,990	6.6	2,101	54,976	6.2	1,989
Executives, administrators, and managers	77,263	7.7	2,084	80,075	8.6	2,115	62,436	10.4	1,921
Administrators and officials, public administration	85,143	7.1	2,080	–	–	–	85,143	7.1	2,080
Financial managers	73,597	7.5	2,053	72,728	8.0	2,051	–	–	–
Personnel and labor relations managers	70,507	8.8	2,120	66,145	9.9	2,133	–	–	–
Managers, marketing, advertising, and public relations	89,038	13.6	2,146	90,443	13.8	2,148	–	–	–
Administrators, education and related fields	70,081	10.1	1,930	51,089	14.5	2,072	83,828	5.9	1,828
Managers, medicine and health	66,126	5.4	2,078	66,767	5.6	2,078	–	–	–
Managers, food servicing and lodging establishments	32,944	14.1	1,847	–	–	–	–	–	–
Managers, service organizations, n.e.c.	58,326	9.0	2,155	58,249	9.5	2,158	–	–	–
Managers and administrators, n.e.c.	85,187	13.5	2,117	89,406	14.4	2,125	56,550	15.8	2,062
Management related	49,656	2.3	2,078	50,705	2.5	2,078	45,321	4.7	2,077
Accountants and auditors	48,746	3.7	2,071	48,810	4.2	2,066	–	–	–
Other financial officers	51,995	5.6	2,161	51,995	5.6	2,161	–	–	–
Management analysts	52,522	7.9	2,071	52,586	8.6	2,070	–	–	–
Personnel, training, and labor relations specialists	41,498	8.7	2,091	45,622	10.5	2,097	–	–	–
Purchasing agents and buyers, n.e.c.	49,197	4.5	2,056	49,211	4.5	2,056	–	–	–
Construction inspectors	54,433	5.4	2,066	–	–	–	53,365	7.1	2,062
Inspectors and compliance officers, except construction	51,701	6.4	2,080	–	–	–	–	–	–
Management related, n.e.c.	49,038	3.8	2,059	49,957	4.3	2,057	43,512	2.9	2,074
Sales	40,315	10.6	2,093	40,315	10.6	2,093	–	–	–
Supervisors, sales	68,925	32.9	2,207	68,925	32.9	2,207	–	–	–
Sales, other business services	39,070	19.0	2,080	39,070	19.0	2,080	–	–	–
Sales representatives, mining, manufacturing, and wholesale	55,103	12.3	2,080	55,103	12.3	2,080	–	–	–
Sales workers, motor vehicles and boats	48,863	7.8	2,215	48,863	7.8	2,215	–	–	–
Sales workers, parts	38,648	11.1	2,099	38,648	11.1	2,099	–	–	–
Sales workers, other commodities	29,988	14.6	2,051	29,988	14.6	2,051	–	–	–
Cashiers	20,752	9.7	2,036	20,752	9.7	2,036	–	–	–
Sales support, n.e.c.	30,095	9.9	2,074	30,095	9.9	2,074	–	–	–

See footnotes at end of table.

Table 3-2. **Mean annual earnings¹, full-time workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, July 1999** — Continued

Occupation ³	Total			Private industry			State and local government		
	Annual earnings		Mean annual hours ⁵	Annual earnings		Mean annual hours ⁵	Annual earnings		Mean annual hours ⁵
	Mean	Relative error ⁴ (percent)		Mean	Relative error ⁴ (percent)		Mean	Relative error ⁴ (percent)	
White collar –Continued									
Administrative support, including clerical	\$28,274	1.7	2,048	\$27,713	2.1	2,065	\$29,924	2.5	1,998
Supervisors, general office	38,969	3.8	2,112	39,268	5.4	2,137	38,594	5.4	2,080
Supervisors, distribution, scheduling, and adjusting clerks	43,489	13.7	2,180	—	—	—	—	—	—
Secretaries	34,288	3.0	2,069	34,453	3.3	2,081	33,552	6.5	2,016
Typists	29,242	5.0	2,079	—	—	—	—	—	—
Interviewers	22,520	6.8	1,998	—	—	—	—	—	—
Transportation ticket and reservation agents	28,455	7.6	2,080	28,455	7.6	2,080	—	—	—
Receptionists	21,943	4.4	2,014	21,943	4.4	2,014	—	—	—
Order clerks	24,431	8.0	2,080	23,108	6.6	2,080	—	—	—
Personnel clerks, except payroll and timekeeping	25,889	5.2	2,079	25,889	5.2	2,079	—	—	—
Library clerks	27,533	4.8	2,020	—	—	—	—	—	—
Records clerks, n.e.c.	26,421	5.8	2,016	27,197	11.2	2,059	25,764	4.5	1,979
Bookkeepers, accounting and auditing clerks	29,093	3.1	2,064	28,541	3.4	2,063	33,152	4.9	2,073
Payroll and timekeeping clerks	29,537	4.8	2,080	29,546	6.1	2,080	—	—	—
Telephone operators	23,551	7.8	2,080	20,971	6.8	2,080	—	—	—
Mail clerks, except postal service	21,363	6.7	2,058	21,689	7.1	2,055	—	—	—
Dispatchers	39,196	3.4	2,048	—	—	—	—	—	—
Production coordinators	34,013	9.1	2,080	34,048	9.2	2,080	—	—	—
Traffic, shipping and receiving clerks	20,845	5.5	2,076	20,845	5.5	2,076	—	—	—
Stock and inventory clerks	23,574	8.0	2,065	23,036	7.1	2,064	—	—	—
Meter readers	38,098	12.5	2,080	—	—	—	—	—	—
Insurance adjusters, examiners, and investigators	34,638	17.5	2,050	34,638	17.5	2,050	—	—	—
Investigators and adjusters, except insurance	32,329	6.7	2,055	31,531	7.3	2,054	—	—	—
Eligibility clerks, social welfare	28,407	4.8	2,080	—	—	—	30,120	.8	2,080
Bill and account collectors	27,120	3.3	2,019	26,276	3.5	2,007	—	—	—
General office clerks	25,695	3.1	2,027	23,753	4.8	2,039	27,639	3.6	2,014
Data entry keyers	26,608	3.7	2,070	25,795	5.2	2,067	—	—	—
Teachers' aides	16,776	9.2	1,438	21,429	23.4	1,769	—	—	—
Administrative support, n.e.c.	28,841	5.4	2,059	27,616	5.6	2,062	34,768	5.2	2,042
Blue collar	28,009	4.3	2,060	26,874	4.7	2,059	43,690	4.6	2,068
Precision production, craft, and repair	40,612	4.4	2,077	39,471	5.2	2,077	48,864	4.8	2,077
Supervisors, mechanics and repairers	55,961	6.6	2,082	55,371	7.3	2,082	—	—	—
Automobile mechanics	39,918	8.2	2,080	39,542	8.5	2,080	—	—	—
Industrial machinery repairers	36,940	9.5	2,080	34,188	9.0	2,080	—	—	—
Machinery maintenance	29,810	14.1	2,080	29,810	14.1	2,080	—	—	—
Electronic repairers, communications and industrial equipment	42,780	8.4	2,035	41,537	11.8	2,014	—	—	—
Mechanics and repairers, n.e.c.	34,867	9.3	1,999	32,848	10.3	1,988	—	—	—
Carpenters	39,741	7.4	2,052	36,957	7.1	2,042	—	—	—
Electricians	52,807	4.6	2,080	—	—	—	—	—	—
Painters, construction and maintenance	28,728	17.0	2,080	23,422	9.4	2,080	—	—	—
Construction trades, n.e.c.	38,999	8.1	2,042	—	—	—	35,113	7.2	2,080
Drillers, oil well	35,997	9.3	2,150	35,997	9.3	2,150	—	—	—

See footnotes at end of table.

Table 3-2. **Mean annual earnings¹, full-time workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, July 1999** — Continued

Occupation ³	Total			Private industry			State and local government		
	Annual earnings		Mean annual hours ⁵	Annual earnings		Mean annual hours ⁵	Annual earnings		Mean annual hours ⁵
	Mean	Relative error ⁴ (percent)		Mean	Relative error ⁴ (percent)		Mean	Relative error ⁴ (percent)	
Blue collar —Continued									
Precision production, craft, and repair —Continued									
Supervisors, production	\$54,316	12.7	2,094	\$53,427	13.8	2,095	—	—	—
Machinists	39,500	5.2	2,080	39,500	5.2	2,080	—	—	—
Electrical and electronic equipment assemblers	21,346	14.3	2,080	21,346	14.3	2,080	—	—	—
Inspectors, testers, and graders	35,692	11.3	2,112	35,215	11.7	2,113	—	—	—
Water and sewer treatment plant operators	44,783	5.8	2,080	—	—	—	\$44,819	5.9	2,080
Machine operators, assemblers, and inspectors	20,997	4.9	2,062	20,838	4.9	2,062	—	—	—
Molding and casting machine operators	15,000	8.3	2,080	15,000	8.3	2,080	—	—	—
Printing press operators	29,271	14.2	2,047	29,271	14.2	2,047	—	—	—
Textile sewing machine operators	16,045	6.1	2,064	16,045	6.1	2,064	—	—	—
Mixing and blending machine operators	21,866	9.1	2,085	21,866	9.1	2,085	—	—	—
Photographic process machine operators	21,513	10.8	2,009	21,513	10.8	2,009	—	—	—
Miscellaneous machine operators, n.e.c.	20,039	9.9	2,040	19,288	9.7	2,039	—	—	—
Welders and cutters	32,685	21.8	2,080	30,477	23.5	2,080	—	—	—
Assemblers	20,211	6.1	2,061	20,211	6.1	2,061	—	—	—
Miscellaneous hand working, n.e.c.	15,495	2.3	2,080	15,495	2.3	2,080	—	—	—
Production inspectors, checkers and examiners ...	22,724	7.3	2,080	22,724	7.3	2,080	—	—	—
Transportation and material moving	28,106	11.8	2,036	26,807	14.0	2,039	37,699	8.4	2,018
Truck drivers	25,730	10.4	2,076	24,389	11.4	2,076	—	—	—
Industrial truck and tractor equipment operators	20,510	13.4	1,920	20,510	13.4	1,920	—	—	—
Handlers, equipment cleaners, helpers, and laborers	20,094	4.3	2,040	19,300	4.4	2,038	33,030	5.2	2,080
Groundskeepers and gardeners, except farm	28,208	8.8	2,080	—	—	—	—	—	—
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	32,531	5.3	2,080	32,531	5.3	2,080	—	—	—
Helpers, mechanics and repairers	21,626	18.5	2,031	—	—	—	—	—	—
Construction laborers	18,382	9.2	2,080	18,022	9.1	2,080	—	—	—
Production helpers	16,614	9.8	2,064	16,614	9.8	2,064	—	—	—
Stock handlers and baggers ...	21,853	13.7	2,074	21,853	13.7	2,074	—	—	—
Machine feeders and offbearers	19,032	13.8	2,059	19,032	13.8	2,059	—	—	—
Freight, stock, and material handlers, n.e.c.	16,601	10.5	1,930	16,601	10.5	1,930	—	—	—
Vehicle washers and equipment cleaners	16,559	7.6	2,011	16,559	7.6	2,011	—	—	—
Hand packers and packagers	15,671	6.3	2,079	15,671	6.3	2,079	—	—	—
Laborers, except construction, n.e.c.	25,658	6.6	2,067	23,783	8.1	2,064	32,893	6.8	2,080
Service	25,736	6.0	2,018	18,051	3.7	2,001	48,728	4.4	2,069

See footnotes at end of table.

Table 3-2. **Mean annual earnings¹, full-time workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, July 1999** — Continued

Occupation ³	Total			Private industry			State and local government		
	Annual earnings		Mean annual hours ⁵	Annual earnings		Mean annual hours ⁵	Annual earnings		Mean annual hours ⁵
	Mean	Relative error ⁴ (percent)		Mean	Relative error ⁴ (percent)		Mean	Relative error ⁴ (percent)	
Service—Continued									
Protective service	\$40,633	12.0	2,096	\$17,239	8.8	2,067	\$55,956	4.4	2,115
Police and detectives, public service	53,491	4.6	2,053	—	—	—	53,491	4.6	2,053
Sheriffs, bailiffs, and other law enforcement officers	48,618	3.3	2,080	—	—	—	48,618	3.3	2,080
Guards and police, except public service	16,558	7.4	2,057	16,328	7.0	2,066	—	—	—
Food service	17,566	4.9	1,992	17,286	5.1	2,022	20,922	8.3	1,644
Waiters, waitresses, and bartenders	12,112	5.3	1,902	12,112	5.3	1,902	—	—	—
Waiters and waitresses	11,011	7.3	1,896	11,011	7.3	1,896	—	—	—
Waiters'/Waitresses' assistants	11,976	3.9	1,961	11,976	3.9	1,961	—	—	—
Other food service	18,814	5.3	2,013	18,593	5.6	2,052	20,922	8.3	1,644
Supervisors, food preparation and service	33,614	4.0	2,003	35,140	4.9	2,070	—	—	—
Cooks	21,093	9.6	2,101	21,176	9.9	2,115	—	—	—
Food counter, fountain, and related	12,268	3.3	1,941	12,268	3.3	1,941	—	—	—
Kitchen workers, food preparation	16,683	9.4	2,008	16,474	9.9	2,049	—	—	—
Food preparation, n.e.c.	15,615	5.1	1,962	15,301	5.5	2,030	—	—	—
Health service	18,785	5.7	2,017	18,087	5.9	2,010	25,817	5.4	2,080
Health aides, except nursing ..	26,347	3.8	2,080	25,592	5.0	2,080	—	—	—
Nursing aides, orderlies and attendants	17,163	5.5	2,003	16,877	5.6	1,999	—	—	—
Cleaning and building service	18,255	5.9	2,053	16,750	5.5	2,051	27,386	5.2	2,061
Supervisors, cleaning and building service workers ...	25,828	13.1	2,080	23,365	14.5	2,080	—	—	—
Maids and housemen	15,841	5.6	2,040	15,841	5.6	2,040	—	—	—
Janitors and cleaners	17,798	7.7	2,052	16,103	7.5	2,051	25,950	3.1	2,058
Personal service	21,768	10.5	1,829	21,667	10.7	1,836	—	—	—
Public transportation attendants	32,914	6.7	1,277	32,914	6.7	1,277	—	—	—
Service, n.e.c.	15,943	10.3	2,025	15,469	9.6	2,051	—	—	—

¹ Earnings are the straight-time annual wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, holidays, nonproduction bonuses, and tips. The mean is computed by totaling the pay of all workers and dividing by the number of workers, weighted by hours.

² Employees are classified as working either a full-time or a part-time schedule based on the definition used by each establishment. Therefore, a worker with a 35-hour-per-week schedule might be considered a full-time employee in one establishment, but classified as part-time in another firm, where a 40-hour week is the minimum full-time schedule.

³ A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. See appendix B for more information.

⁴ The relative standard error (RSE) is the standard error expressed as a

percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see appendix A.

⁵ Mean annual hours are the hours an employee is scheduled to work in a year, exclusive of overtime.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria, and n.e.c. means not elsewhere classified. Overall occupational groups may include data for categories not shown separately. IN THIS SURVEY, THE NONRESPONSE RATE FOR ALL INDUSTRIES AND PRIVATE INDUSTRY EXCEEDED REGULAR SURVEY STANDARDS FOR PUBLICATION. ACCORDINGLY, USERS SHOULD INTERPRET THESE RESULTS WITH THIS LIMITATION IN MIND.

Table 4-1. **Selected occupations¹ and levels,² all workers:³ Mean hourly earnings,⁴ private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, July 1999**

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
All	\$18.40	2.6	\$17.21	3.4	\$23.41	2.0
All excluding sales	18.53	2.7	17.27	3.6	23.42	2.0
White collar	22.67	2.8	22.20	3.6	24.14	2.4
1	7.17	3.7	7.17	3.8	—	—
2	9.44	4.6	9.33	5.3	10.08	5.0
3	10.83	3.2	10.52	3.8	12.29	2.7
4	12.39	2.6	12.16	3.1	13.42	2.7
5	15.50	2.3	15.65	2.7	14.87	2.9
6	17.84	6.0	18.04	8.3	17.47	6.9
7	20.03	2.8	20.37	3.6	19.08	2.6
8	24.08	3.5	22.35	2.6	29.29	6.7
9	29.72	2.9	28.21	5.0	31.63	2.9
10	28.62	2.3	28.35	2.5	29.75	5.7
11	34.18	2.5	33.16	2.4	37.38	6.2
12	38.62	2.6	37.98	3.0	43.06	4.8
13	50.01	3.7	49.95	4.0	—	—
14	58.15	8.3	58.39	8.9	—	—
Not able to be leveled	52.61	31.4	58.16	30.0	23.36	15.3
White collar excluding sales	23.45	2.9	23.19	3.9	24.16	2.4
1	7.54	5.4	7.54	5.6	—	—
2	9.73	4.5	9.66	5.4	10.08	5.0
3	10.89	1.9	10.46	2.1	12.30	2.7
4	12.86	2.0	12.68	2.6	13.42	2.7
5	14.82	2.0	14.80	2.5	14.87	2.9
6	16.81	3.4	16.38	3.0	17.47	6.9
7	19.87	2.7	20.17	3.4	19.08	2.6
8	24.10	3.7	22.17	2.6	29.29	6.7
9	29.14	2.3	27.00	3.5	31.63	2.9
10	28.78	2.4	28.54	2.6	29.75	5.7
11	34.24	2.5	33.18	2.4	37.38	6.2
12	38.81	2.6	38.18	3.0	43.06	4.8
13	50.01	3.7	49.95	4.0	—	—
14	58.15	8.3	58.39	8.9	—	—
Not able to be leveled	52.61	31.4	58.16	30.0	23.36	15.3
Professional specialty and technical	29.00	2.3	28.09	3.4	30.76	2.4
Professional specialty	31.05	2.2	30.39	3.4	32.08	2.5
5	13.76	4.4	13.97	6.7	13.51	4.7
6	19.61	18.1	14.44	10.8	24.50	15.8
7	23.19	7.2	23.37	8.6	22.40	6.7
8	26.02	5.3	22.28	2.4	32.41	6.1
9	30.39	2.4	26.27	2.4	32.69	2.9
10	28.81	3.0	28.47	3.3	29.77	6.9
11	34.25	3.3	33.32	2.1	35.73	7.6
12	40.23	3.3	39.56	3.8	44.75	6.2
13	47.98	2.9	47.60	3.0	—	—
14	54.44	6.6	53.93	7.9	—	—
Not able to be leveled	40.00	14.6	41.63	14.4	—	—
Engineers, architects, and surveyors	34.13	2.2	34.36	2.2	30.15	6.0
7	27.13	6.8	27.13	6.8	—	—
9	28.78	2.3	29.15	2.5	—	—
10	28.12	3.1	28.14	3.4	—	—
11	32.17	2.9	32.01	3.0	—	—
12	39.62	4.7	39.72	4.8	—	—
13	47.37	3.1	47.37	3.1	—	—
14	50.31	7.0	50.31	7.0	—	—
Aerospace engineers	35.18	4.4	35.18	4.4	—	—
11	31.91	4.0	31.91	4.0	—	—
12	39.13	2.6	39.13	2.6	—	—
Civil engineers	30.19	9.1	—	—	28.49	4.6
Electrical and electronic engineers	34.16	5.6	34.10	5.7	—	—
9	29.06	3.8	29.06	3.8	—	—
11	32.83	7.6	—	—	—	—
Industrial engineers	25.60	6.8	—	—	—	—

See footnotes at end of table.

Table 4-1. **Selected occupations¹ and levels,² all workers:³ Mean hourly earnings,⁴ private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, July 1999 — Continued**

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
White collar —Continued						
Professional specialty and technical —Continued						
Professional specialty —Continued						
Engineers, architects, and surveyors —Continued						
Mechanical engineers	\$29.59	6.7	\$28.94	6.9	—	—
Engineers, n.e.c.	34.67	2.4	34.67	2.4	—	—
9	29.74	4.2	29.77	4.2	—	—
10	29.87	3.5	29.87	3.5	—	—
11	33.17	1.2	33.17	1.2	—	—
12	37.11	3.6	37.11	3.6	—	—
Mathematical and computer scientists	28.53	3.2	29.48	2.6	\$25.00	5.7
9	26.94	5.7	28.47	5.7	—	—
10	27.50	5.2	—	—	—	—
11	32.30	2.1	32.77	1.7	—	—
12	32.56	7.4	31.78	8.2	—	—
Computer systems analysts and scientists	28.51	3.7	29.70	3.1	25.00	5.7
9	27.12	6.0	28.86	5.8	—	—
10	28.10	5.8	—	—	—	—
11	32.21	2.7	32.80	2.1	—	—
Operations and systems researchers and analysts	28.62	4.4	28.62	4.4	—	—
Natural scientists	28.82	6.8	30.55	7.3	25.95	6.0
Health related	26.26	3.8	26.44	4.3	25.19	7.5
7	22.11	5.1	—	—	—	—
8	22.21	2.6	22.12	2.6	—	—
9	24.40	2.2	24.69	2.6	23.48	3.3
10	26.41	4.3	26.96	5.2	—	—
11	29.82	5.2	30.70	6.4	—	—
12	43.36	7.7	40.89	6.5	—	—
Physicians	48.01	19.8	—	—	—	—
Registered nurses	24.61	2.4	24.68	2.7	24.19	2.5
7	22.84	4.5	—	—	—	—
8	22.83	2.9	22.75	3.0	—	—
9	24.58	2.2	24.73	2.7	24.07	3.3
10	27.07	5.1	27.28	5.7	—	—
Pharmacists	34.79	9.1	34.79	9.1	—	—
Respiratory therapists	19.74	2.9	19.74	2.9	—	—
Teachers, college and university	37.34	4.6	37.13	13.4	37.43	3.8
7	20.15	11.8	20.44	5.5	—	—
9	30.64	9.8	—	—	30.38	10.9
10	37.75	4.5	36.11	11.6	38.24	4.4
11	36.10	4.7	—	—	37.54	4.6
12	49.35	8.4	56.61	28.5	47.19	5.2
Business, commerce, and marketing teachers	47.40	26.7	47.56	27.7	—	—
Education teachers	47.46	37.3	47.46	37.3	—	—
English teachers	34.96	3.9	—	—	—	—
Other post-secondary teachers	37.93	3.3	37.17	15.9	38.04	3.0
9	25.20	3.7	—	—	—	—
10	37.84	4.4	—	—	38.24	4.4
11	35.87	4.6	—	—	36.98	4.7
12	45.92	4.2	—	—	45.92	4.2
Teachers, except college and university	31.48	3.7	16.44	7.7	34.56	2.4
5	13.82	8.9	13.88	10.2	—	—
6	21.03	22.6	—	—	26.40	13.5
7	19.38	15.4	—	—	27.06	7.7
8	32.09	6.4	19.27	9.2	33.57	6.4
9	34.94	2.8	19.51	16.4	35.51	2.6
10	35.65	3.9	—	—	—	—
11	39.76	8.7	—	—	—	—
Prekindergarten and kindergarten	13.02	6.0	—	—	—	—
Elementary school teachers	34.11	4.1	15.35	2.8	35.79	3.1
7	23.60	8.5	—	—	—	—
8	32.20	3.8	—	—	—	—

See footnotes at end of table.

Table 4-1. **Selected occupations¹ and levels,² all workers:³ Mean hourly earnings,⁴ private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, July 1999 —**
Continued

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
White collar —Continued						
Professional specialty and technical —Continued						
Professional specialty —Continued						
Teachers, except college and university —Continued						
Elementary school teachers —Continued						
9	\$35.68	3.5	—	—	\$36.61	2.3
Secondary school teachers	34.33	2.2	\$24.08	5.8	34.77	2.2
8	31.21	4.9	21.99	4.0	—	—
9	35.13	2.6	—	—	35.25	2.6
Teachers, special education	30.41	7.2	—	—	—	—
Teachers, n.e.c.	32.26	12.5	18.76	12.4	39.57	4.8
5	14.02	21.4	14.35	25.2	—	—
8	36.14	15.4	—	—	—	—
9	38.37	6.5	25.64	11.8	—	—
Substitute teachers	18.21	4.4	—	—	18.25	4.3
Vocational and educational counselors	27.43	16.0	—	—	31.43	13.7
Librarians, archivists, and curators	—	—	—	—	—	—
Social scientists and urban planners	33.05	8.6	—	—	31.66	19.5
Psychologists	31.66	18.0	—	—	—	—
Social, recreation, and religious workers	20.89	11.7	21.50	11.8	20.69	15.2
8	18.71	3.6	—	—	—	—
9	28.17	5.8	—	—	—	—
Social workers	21.71	12.3	—	—	21.02	16.1
9	28.17	5.8	—	—	—	—
Recreation workers	13.86	17.4	—	—	—	—
Lawyers and judges	42.37	8.3	—	—	—	—
Lawyers	42.37	8.3	—	—	—	—
Writers, authors, entertainers, athletes, and						
professionals, n.e.c.	36.23	13.5	36.85	13.5	—	—
7	26.27	15.0	26.27	15.0	—	—
Not able to be leveled	43.34	15.0	43.34	15.0	—	—
Designers	32.48	20.7	32.48	20.7	—	—
Editors and reporters	47.75	18.5	47.75	18.5	—	—
Professional, n.e.c.	22.33	8.2	23.23	8.6	—	—
Technical						
4	21.54	4.8	22.06	5.5	18.71	5.8
5	13.25	4.5	13.33	5.4	—	—
6	15.03	4.5	15.03	4.5	—	—
7	19.62	7.3	19.75	8.9	—	—
8	19.43	3.5	19.87	3.7	17.91	5.7
9	23.15	3.9	23.35	4.2	21.52	10.3
10	35.19	19.3	36.79	20.6	—	—
11	28.15	7.0	—	—	—	—
Clinical laboratory technologists and technicians	19.67	11.6	20.18	12.4	—	—
Radiological technicians	20.46	3.8	20.46	3.8	—	—
Licensed practical nurses	14.66	2.2	14.55	2.2	—	—
5	14.85	2.9	14.85	2.9	—	—
7	14.53	3.8	14.27	4.0	—	—
Health technologists and technicians, n.e.c.	16.61	4.6	16.60	6.9	—	—
7	15.90	2.1	—	—	—	—
Electrical and electronic technicians	21.38	6.4	21.15	6.5	—	—
7	23.03	7.7	23.04	7.7	—	—
8	24.66	7.6	24.25	8.2	—	—
Engineering technicians, n.e.c.	21.96	10.5	22.15	12.9	—	—
7	18.74	8.3	—	—	—	—
Science technicians, n.e.c.	16.07	4.7	—	—	16.07	4.7
Computer programmers	27.79	5.6	—	—	—	—
Legal assistants	20.89	12.1	20.89	12.1	—	—
Technical and related, n.e.c.	24.44	11.3	25.18	13.1	20.83	4.7
6	19.72	5.5	—	—	—	—
8	25.93	8.7	—	—	—	—
Executive, administrative, and managerial						
5	32.04	5.6	32.91	6.4	27.73	5.9
6	16.97	12.8	—	—	—	—

See footnotes at end of table.

Table 4-1. **Selected occupations¹ and levels,² all workers:³ Mean hourly earnings,⁴ private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, July 1999 — Continued**

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
White collar —Continued						
Executive, administrative, and managerial —Continued						
6	\$16.88	7.1	\$16.94	10.9	—	—
7	18.03	3.0	17.83	3.6	\$18.59	5.4
8	21.65	5.6	21.34	7.0	22.86	4.5
9	25.96	3.5	25.90	4.0	26.20	7.1
10	28.83	3.9	28.64	4.0	—	—
11	33.92	3.3	32.67	3.5	42.68	3.8
12	37.59	3.7	36.98	4.2	41.64	6.4
13	50.33	5.8	50.33	6.1	—	—
14	60.55	12.0	60.83	12.1	—	—
Executives, administrators, and managers	37.11	7.5	37.94	8.4	32.44	9.7
7	16.86	5.7	15.76	7.8	—	—
8	21.26	12.2	20.95	13.4	—	—
9	27.58	6.5	26.83	7.3	—	—
10	29.24	4.9	28.85	5.1	—	—
11	35.00	3.5	33.52	4.0	42.68	3.8
12	38.69	3.7	38.16	4.3	41.64	6.4
13	50.69	5.9	50.70	6.2	—	—
14	61.90	12.1	62.23	12.2	—	—
Not able to be leveled	176.53	48.0	—	—	—	—
Administrators and officials, public administration	38.26	12.9	—	—	38.26	12.9
Financial managers	35.85	7.7	35.45	8.2	—	—
9	25.98	5.1	25.98	5.1	—	—
10	33.17	8.6	33.17	8.6	—	—
11	33.76	6.5	33.65	7.0	—	—
12	34.47	7.5	34.44	7.6	—	—
Personnel and labor relations managers	33.25	9.0	31.01	9.9	—	—
Managers, marketing, advertising, and public relations	41.50	12.4	42.10	12.6	—	—
Administrators, education and related fields	37.08	8.4	24.66	14.4	46.30	3.6
11	45.68	4.6	31.52	6.3	—	—
12	42.51	9.2	30.92	13.7	—	—
Managers, medicine and health	32.36	5.2	32.67	5.3	—	—
11	32.72	5.5	32.72	5.5	—	—
Managers, food servicing and lodging establishments	17.84	14.2	—	—	—	—
Managers, service organizations, n.e.c.	29.44	11.9	29.46	12.4	—	—
Managers and administrators, n.e.c.	40.25	13.2	42.08	14.1	27.42	15.8
8	24.60	15.7	24.77	17.4	—	—
9	28.82	10.3	28.09	12.0	—	—
10	27.97	10.2	27.93	10.3	—	—
11	36.30	5.1	36.25	5.3	—	—
12	37.88	4.7	38.15	5.4	—	—
13	46.40	7.2	46.40	7.2	—	—
14	66.62	10.9	66.62	10.9	—	—
Management related	23.89	2.2	24.39	2.4	21.82	4.6
5	16.97	12.8	—	—	—	—
6	18.57	7.0	18.34	9.3	—	—
7	18.78	3.4	18.83	3.5	18.54	10.0
8	21.96	3.0	21.75	3.8	—	—
9	24.76	3.4	25.10	3.7	23.73	6.9
10	28.05	6.2	28.25	6.4	—	—
11	30.19	4.1	30.19	4.1	—	—
12	30.70	4.8	30.70	4.8	—	—
Accountants and auditors	23.54	3.8	23.62	4.4	—	—
7	18.65	4.7	18.19	6.3	—	—
9	25.10	3.1	24.27	4.3	—	—
Other financial officers	24.07	5.7	24.07	5.7	—	—
9	19.68	5.0	19.68	5.0	—	—
Management analysts	25.36	8.1	25.40	8.7	—	—
9	27.71	3.9	—	—	—	—

See footnotes at end of table.

Table 4-1. **Selected occupations¹ and levels,² all workers:³ Mean hourly earnings,⁴ private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, July 1999 — Continued**

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
White collar —Continued						
Executive, administrative, and managerial —Continued						
Management related —Continued						
Personnel, training, and labor relations specialists	\$19.85	8.5	\$21.76	10.2	—	—
Purchasing agents and buyers, n.e.c.	23.93	4.9	23.94	4.9	—	—
Construction inspectors	26.34	4.8	—	—	\$25.88	6.2
Inspectors and compliance officers, except construction	24.86	6.4	—	—	—	—
Management related, n.e.c.	23.80	3.6	24.27	4.0	20.98	2.8
7	18.09	2.6	18.12	2.7	—	—
8	21.32	3.9	20.98	8.2	—	—
9	24.84	5.7	25.00	6.0	—	—
11	29.57	7.0	29.57	7.0	—	—
Sales						
1	6.57	2.1	6.57	2.1	—	—
3	10.67	11.1	10.66	11.2	—	—
4	10.96	8.5	10.96	8.5	—	—
5	18.86	6.5	18.86	6.5	—	—
6	27.35	32.6	27.35	32.6	—	—
8	23.87	9.8	23.87	9.8	—	—
9	42.42	15.5	42.42	15.5	—	—
11	32.89	10.7	32.89	10.7	—	—
Supervisors, sales	31.23	28.6	31.23	28.6	—	—
Sales, other business services	16.92	22.5	16.92	22.5	—	—
Sales representatives, mining, manufacturing, and wholesale	26.12	11.8	26.12	11.8	—	—
8	29.48	14.1	29.48	14.1	—	—
Sales workers, motor vehicles and boats	22.06	7.9	22.06	7.9	—	—
5	22.88	13.2	22.88	13.2	—	—
Sales workers, apparel	7.01	4.6	7.01	4.6	—	—
Sales workers, furniture and home furnishings	7.85	11.5	7.85	11.5	—	—
3	7.91	8.0	7.91	8.0	—	—
Sales workers, parts	18.42	11.1	18.42	11.1	—	—
Sales workers, other commodities	12.74	13.2	12.74	13.2	—	—
5	20.65	11.0	20.65	11.0	—	—
Cashiers	10.15	7.0	10.13	7.1	—	—
1	6.83	2.9	6.83	2.9	—	—
3	9.83	6.8	9.78	7.0	—	—
4	10.94	18.2	10.94	18.2	—	—
Sales support, n.e.c.	14.26	9.9	14.26	9.9	—	—
6	15.82	9.1	15.82	9.1	—	—
Administrative support, including clerical						
1	7.54	5.4	7.54	5.6	—	—
2	9.73	4.5	9.66	5.4	10.08	5.0
3	10.94	2.0	10.49	2.1	12.45	2.7
4	12.84	2.1	12.65	2.7	13.44	2.8
5	14.89	2.3	14.81	2.9	15.17	2.9
6	15.92	2.0	15.97	2.8	15.84	2.8
7	19.01	2.2	19.24	2.9	18.62	3.1
8	21.58	7.4	21.26	8.2	—	—
Supervisors, general office	18.44	4.5	18.35	6.7	18.56	5.4
6	18.75	3.9	—	—	—	—
7	18.30	7.8	—	—	—	—
Supervisors, distribution, scheduling, and adjusting clerks	19.95	12.7	—	—	—	—
Secretaries	16.37	2.8	16.31	3.1	16.65	6.5
3	12.64	6.9	12.10	8.5	—	—
4	12.99	3.9	13.07	3.1	—	—
5	15.74	4.4	15.70	5.0	—	—
6	16.63	5.7	16.67	6.2	—	—

See footnotes at end of table.

Table 4-1. **Selected occupations¹ and levels,² all workers:³ Mean hourly earnings,⁴ private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, July 1999 — Continued**

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
White collar —Continued						
Administrative support, including clerical —Continued						
Secretaries —Continued						
7	\$19.43	3.7	\$19.74	5.0	—	—
Typists	14.06	5.0	—	—	—	—
Interviewers	11.27	4.6	—	—	—	—
Transportation ticket and reservation agents	13.44	7.3	13.44	7.3	—	—
Receptionists	10.68	3.8	10.63	3.9	—	—
2	8.68	2.0	8.68	2.0	—	—
3	11.03	3.9	11.03	3.9	—	—
Information clerks, n.e.c.	11.33	4.2	11.32	4.4	—	—
Order clerks	11.49	7.1	10.91	5.9	—	—
4	12.58	6.7	11.96	5.4	—	—
Personnel clerks, except payroll and timekeeping	12.45	5.2	12.45	5.2	—	—
Library clerks	13.63	4.5	13.92	13.6	\$13.58	4.6
Records clerks, n.e.c.	13.20	5.9	13.39	10.8	13.02	4.5
4	12.80	5.1	—	—	—	—
5	12.49	4.7	—	—	—	—
Bookkeepers, accounting and auditing clerks	13.93	3.0	13.70	3.4	15.49	5.7
3	10.36	3.0	—	—	—	—
4	12.51	3.8	12.41	4.1	—	—
5	14.02	4.1	13.67	4.7	—	—
6	16.83	2.7	16.53	3.0	—	—
7	17.10	13.4	18.10	15.6	—	—
Payroll and timekeeping clerks	14.20	4.8	14.21	6.1	—	—
4	13.79	4.4	13.66	5.8	—	—
Duplicating machine operators	12.27	10.6	10.76	4.5	—	—
Telephone operators	11.32	7.8	10.08	6.8	—	—
Mail clerks, except postal service	10.31	7.1	10.47	7.5	—	—
Dispatchers	18.52	5.0	—	—	—	—
Production coordinators	16.35	9.1	16.37	9.2	—	—
7	21.10	3.1	21.10	3.1	—	—
Traffic, shipping and receiving clerks	9.99	5.2	9.99	5.2	—	—
3	9.54	5.0	9.54	5.0	—	—
4	10.87	2.8	10.87	2.8	—	—
Stock and inventory clerks	11.41	7.9	11.16	7.1	—	—
Meter readers	17.55	12.0	—	—	—	—
Material recording, scheduling, and distribution						
clerks, n.e.c.	10.23	12.9	10.23	12.9	—	—
4	8.85	6.9	8.85	6.9	—	—
Insurance adjusters, examiners, and						
investigators	16.90	18.0	16.90	18.0	—	—
Investigators and adjusters, except insurance	15.56	6.5	15.19	7.0	—	—
4	13.47	6.1	13.05	6.3	—	—
5	16.51	7.6	16.51	7.6	—	—
Eligibility clerks, social welfare	13.66	4.8	—	—	14.48	.8
Bill and account collectors	13.26	4.3	12.89	5.6	—	—
General office clerks	12.35	2.9	11.21	4.4	13.65	3.4
1	7.02	9.4	7.02	9.4	—	—
2	9.87	5.4	9.63	6.4	—	—
3	12.10	4.0	11.30	6.9	12.72	4.3
4	12.24	3.4	11.27	3.3	13.26	6.1
5	13.99	3.8	14.38	5.9	13.48	3.3
6	16.31	4.2	—	—	16.44	4.7
7	17.72	6.4	—	—	—	—
Bank tellers	9.01	.9	9.01	.9	—	—
Data entry keyers	12.69	3.8	12.29	5.3	—	—
2	9.38	3.1	9.38	3.1	—	—
3	11.06	5.9	11.06	5.9	—	—
4	14.23	2.5	14.59	4.2	—	—
Statistical clerks	15.22	14.6	15.22	14.6	—	—
Teachers' aides	11.77	5.2	11.60	20.5	11.79	5.3
2	9.99	5.9	—	—	9.99	5.9

See footnotes at end of table.

Table 4-1. **Selected occupations¹ and levels,² all workers:³ Mean hourly earnings,⁴ private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, July 1999 — Continued**

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
White collar —Continued						
Administrative support, including clerical —Continued						
Teachers' aides —Continued						
3	\$11.46	2.8	—	—	\$11.70	1.9
4	12.99	7.5	—	—	12.91	7.6
Administrative support, n.e.c.	13.48	5.0	\$12.91	5.2	16.26	6.4
3	9.85	7.0	9.38	7.7	—	—
4	12.59	6.0	12.59	6.1	—	—
5	15.90	5.9	15.35	6.5	—	—
6	13.90	6.8	—	—	—	—
7	18.68	1.7	18.65	1.4	—	—
Blue collar						
1	13.36	4.2	12.83	4.6	21.09	4.6
2	7.41	4.4	7.40	4.4	—	—
3	8.51	3.0	8.38	2.7	—	—
4	10.05	5.4	9.95	5.5	15.87	15.8
5	12.96	9.7	12.62	10.7	17.18	4.5
6	13.92	5.7	13.69	6.2	17.03	5.6
7	18.58	6.2	18.79	6.6	16.00	7.2
8	20.71	3.2	19.77	3.9	24.72	4.5
9	23.26	4.4	23.10	4.9	24.45	5.9
10	30.25	9.3	29.89	10.5	33.82	1.6
Precision production, craft, and repair						
2	19.52	4.4	18.97	5.2	23.53	4.8
3	7.46	4.9	7.46	4.9	—	—
4	9.92	8.3	9.91	8.3	—	—
5	14.96	17.0	14.87	18.9	—	—
6	15.73	6.8	15.56	7.5	17.84	6.9
7	21.40	6.6	21.68	6.6	—	—
8	21.16	3.3	20.33	4.0	24.50	5.2
9	24.05	4.7	23.98	5.4	24.45	5.9
10	30.40	9.6	30.04	10.8	33.82	1.6
Supervisors, mechanics and repairers	26.88	6.6	26.59	7.3	—	—
8	26.58	5.9	—	—	—	—
Automobile mechanics	19.16	8.1	18.98	8.5	—	—
7	20.09	10.9	19.79	11.9	—	—
Industrial machinery repairers	17.76	9.5	16.44	9.0	—	—
7	18.37	10.2	—	—	—	—
Machinery maintenance	14.33	14.1	14.33	14.1	—	—
Electronic repairers, communications and industrial equipment	21.02	7.5	20.62	10.6	—	—
Mechanics and repairers, n.e.c.	17.44	9.4	16.52	10.7	—	—
7	19.88	10.9	18.34	9.7	—	—
Carpenters	19.36	7.5	18.10	7.8	—	—
7	19.11	10.2	16.91	10.9	—	—
Electricians	25.39	4.6	—	—	—	—
Painters, construction and maintenance	13.81	17.0	11.26	9.4	—	—
Construction trades, n.e.c.	19.10	8.1	—	—	16.88	7.2
Drillers, oil well	16.74	9.7	16.74	9.7	—	—
Supervisors, production	25.94	12.8	25.51	13.9	—	—
7	20.72	12.7	20.72	12.7	—	—
9	31.88	17.9	—	—	—	—
Machinists	18.99	5.2	18.99	5.2	—	—
7	20.17	3.2	20.17	3.2	—	—
Electrical and electronic equipment assemblers	10.26	14.3	10.26	14.3	—	—
Butchers and meat cutters	9.30	16.9	9.30	16.9	—	—
Inspectors, testers, and graders	16.70	10.1	16.47	10.5	—	—
7	17.77	6.9	17.22	7.0	—	—
Water and sewer treatment plant operators	21.53	5.8	—	—	21.55	5.9
7	22.91	3.2	—	—	—	—
Machine operators, assemblers, and inspectors						
1	10.18	4.9	10.11	5.0	—	—
2	7.43	7.9	7.40	8.0	—	—

See footnotes at end of table.

Table 4-1. **Selected occupations¹ and levels,² all workers:³ Mean hourly earnings,⁴ private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, July 1999 — Continued**

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
Blue collar —Continued						
Machine operators, assemblers, and inspectors —Continued						
2	\$8.06	3.3	\$8.06	3.3	—	—
3	9.20	5.0	9.20	5.0	—	—
4	10.04	7.8	10.04	7.8	—	—
5	10.98	7.1	10.98	7.1	—	—
6	16.29	7.7	16.29	7.7	—	—
7	18.35	6.9	17.49	7.2	—	—
Molding and casting machine operators	7.20	8.2	7.20	8.2	—	—
Printing press operators	14.30	15.1	14.30	15.1	—	—
Textile sewing machine operators	7.78	6.1	7.78	6.1	—	—
2	7.35	7.2	7.35	7.2	—	—
Mixing and blending machine operators	10.49	8.9	10.49	8.9	—	—
Photographic process machine operators	10.71	11.1	10.71	11.1	—	—
Miscellaneous machine operators, n.e.c.	9.82	9.9	9.46	9.7	—	—
1	7.35	8.7	7.35	8.7	—	—
3	10.34	16.5	10.34	16.5	—	—
Welders and cutters	15.71	21.8	14.65	23.5	—	—
7	21.91	10.7	—	—	—	—
Assemblers	9.81	6.1	9.81	6.1	—	—
2	8.21	5.5	8.21	5.5	—	—
3	9.08	10.8	9.08	10.8	—	—
4	10.61	8.2	10.61	8.2	—	—
5	11.03	6.2	11.03	6.2	—	—
Miscellaneous hand working, n.e.c.	7.45	2.3	7.45	2.3	—	—
Production inspectors, checkers and examiners ..	10.93	7.3	10.93	7.3	—	—
Transportation and material moving	13.41	11.1	12.77	13.1	\$18.59	8.1
1	7.18	6.3	7.18	6.3	—	—
2	8.53	8.1	8.53	8.1	—	—
3	11.52	9.3	11.37	9.7	—	—
4	15.37	19.3	14.97	23.1	—	—
5	16.92	8.2	—	—	—	—
7	22.81	7.6	—	—	—	—
Truck drivers	12.34	10.0	11.73	10.9	—	—
3	10.02	7.1	10.02	7.1	—	—
4	13.10	18.0	11.64	21.8	—	—
Industrial truck and tractor equipment operators ..	10.43	12.5	10.43	12.5	—	—
Miscellaneous material moving equipment operators, n.e.c.	13.93	15.3	11.74	5.2	—	—
Handlers, equipment cleaners, helpers, and laborers	9.65	4.1	9.32	4.3	15.88	5.2
1	7.36	3.9	7.35	3.9	—	—
2	9.35	5.1	9.01	4.7	—	—
3	10.57	8.7	10.38	9.1	—	—
4	12.72	8.5	12.36	9.2	—	—
5	14.48	7.4	13.69	8.1	—	—
6	16.27	8.6	—	—	—	—
7	14.59	7.3	14.59	7.3	—	—
Groundskeepers and gardeners, except farm	13.56	8.8	—	—	—	—
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	15.64	5.3	15.64	5.3	—	—
Helpers, mechanics and repairers	10.65	17.8	—	—	—	—
Construction laborers	8.97	9.5	8.80	9.3	—	—
Production helpers	8.05	10.4	8.05	10.4	—	—
1	7.66	7.2	7.66	7.2	—	—
3	7.73	7.3	7.73	7.3	—	—
Stock handlers and baggers	10.31	12.6	10.31	12.6	—	—
1	6.92	8.1	6.92	8.1	—	—
2	9.10	6.2	9.10	6.2	—	—
3	12.44	19.5	12.44	19.5	—	—

See footnotes at end of table.

Table 4-1. **Selected occupations¹ and levels,² all workers:³ Mean hourly earnings,⁴ private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, July 1999 —**
Continued

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
Blue collar —Continued						
Handlers, equipment cleaners, helpers, and laborers						
—Continued						
Stock handlers and baggers —Continued						
4	\$11.92	16.2	\$11.92	16.2	—	—
Machine feeders and offbearers	9.24	14.0	9.24	14.0	—	—
Freight, stock, and material handlers, n.e.c.	8.57	9.0	8.57	9.0	—	—
1	7.34	10.1	7.34	10.1	—	—
2	10.35	11.6	10.35	11.6	—	—
3	10.76	11.6	10.76	11.6	—	—
Vehicle washers and equipment cleaners	8.15	7.8	8.15	7.8	—	—
2	7.96	9.3	7.96	9.3	—	—
Hand packers and packagers	7.48	5.7	7.48	5.7	—	—
1	6.99	4.2	6.99	4.2	—	—
2	7.12	6.2	7.12	6.2	—	—
Laborers, except construction, n.e.c.	11.07	6.8	10.25	7.7	\$15.81	6.8
1	7.26	3.3	7.17	3.2	—	—
2	11.18	8.3	10.03	7.9	—	—
3	9.26	5.9	9.18	5.6	—	—
Service	11.76	5.3	8.60	3.5	21.86	4.7
1	7.08	3.0	6.88	2.9	10.84	3.3
2	7.75	2.6	7.58	2.5	10.53	8.3
3	8.79	3.7	8.44	3.5	10.97	8.8
4	11.41	4.9	11.22	5.6	12.52	3.1
5	11.90	7.6	11.51	9.3	12.89	11.7
6	16.52	6.4	14.56	7.3	—	—
7	22.97	8.5	21.38	24.6	23.80	5.1
8	22.37	7.3	—	—	23.90	5.4
9	27.21	6.1	—	—	27.55	6.1
10	32.19	4.6	—	—	32.45	4.6
Protective service	18.45	11.4	8.17	7.6	25.54	4.5
3	8.41	7.9	—	—	—	—
5	12.14	11.8	—	—	—	—
7	23.64	4.9	—	—	24.13	5.2
8	23.90	5.4	—	—	23.90	5.4
9	27.55	6.1	—	—	27.55	6.1
10	32.45	4.6	—	—	32.45	4.6
Police and detectives, public service	26.05	4.3	—	—	26.05	4.3
9	28.24	4.2	—	—	28.24	4.2
Sheriffs, bailiffs, and other law enforcement officers	22.96	4.2	—	—	22.96	4.2
Guards and police, except public service	7.96	6.4	7.78	6.0	—	—
5	13.09	8.2	—	—	—	—
Food service	8.11	3.4	7.85	3.6	11.82	6.2
1	6.69	5.0	6.65	5.2	—	—
2	7.49	5.0	7.26	5.1	—	—
3	8.65	5.9	8.25	6.2	—	—
4	10.63	9.0	10.42	10.6	—	—
5	12.27	15.2	—	—	—	—
6	13.99	11.7	13.99	11.7	—	—
Waiters, waitresses, and bartenders	6.11	1.8	6.11	1.8	—	—
1	5.94	1.7	5.94	1.7	—	—
2	5.84	1.2	5.84	1.2	—	—
3	6.38	6.4	6.38	6.4	—	—
Bartenders	7.68	7.4	7.68	7.4	—	—
Waiters and waitresses	5.86	1.1	5.86	1.1	—	—
1	5.88	1.8	5.88	1.8	—	—
2	5.84	1.3	5.84	1.3	—	—
Waiters'/Waitresses' assistants	6.02	2.4	6.02	2.4	—	—
1	5.99	2.7	5.99	2.7	—	—
Other food service	8.84	4.0	8.55	4.2	11.82	6.2

See footnotes at end of table.

Table 4-1. **Selected occupations¹ and levels,² all workers:³ Mean hourly earnings,⁴ private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, July 1999 —**
Continued

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
Service —Continued						
Food service—Continued						
Other food service—Continued						
1	\$7.00	6.1	\$6.95	6.3	—	—
2	8.23	4.8	7.99	5.1	—	—
3	9.45	4.8	9.05	5.4	—	—
4	11.30	8.1	11.19	9.9	—	—
Supervisors, food preparation and service	15.91	6.6	15.85	8.2	—	—
Cooks	9.83	6.5	9.80	6.6	—	—
3	9.72	5.8	9.72	5.8	—	—
4	11.19	9.9	11.19	9.9	—	—
Food counter, fountain, and related	6.72	4.6	6.72	4.6	—	—
1	5.99	2.0	5.99	2.0	—	—
Kitchen workers, food preparation	8.50	8.3	8.04	9.6	—	—
Food preparation, n.e.c.	7.50	4.5	7.08	4.7	\$10.47	5.8
1	6.93	4.3	6.83	4.5	—	—
2	8.52	8.6	—	—	—	—
3	9.59	10.5	—	—	—	—
Health service	9.28	4.7	8.97	4.9	12.25	5.0
2	7.92	4.2	7.82	4.2	—	—
3	7.87	6.8	7.84	6.8	—	—
4	9.40	7.9	8.66	5.8	—	—
5	13.34	1.4	13.43	1.7	—	—
Health aides, except nursing	12.45	3.7	12.07	5.0	—	—
5	13.23	2.3	—	—	—	—
Nursing aides, orderlies and attendants	8.54	4.4	8.41	4.6	—	—
2	7.91	4.2	7.81	4.3	—	—
3	7.65	6.8	7.62	6.8	—	—
4	8.79	6.2	8.48	5.7	—	—
Cleaning and building service	8.77	5.5	8.09	5.1	13.18	5.2
1	7.78	5.8	7.39	5.4	12.21	3.3
2	8.11	15.0	6.81	6.7	—	—
3	9.86	6.7	9.29	7.0	—	—
4	12.57	3.9	12.24	5.3	—	—
Supervisors, cleaning and building service workers	12.42	13.1	11.23	14.5	—	—
Maids and housemen	7.59	5.0	7.59	5.0	—	—
1	7.18	4.5	7.18	4.5	—	—
Janitors and cleaners	8.60	7.1	7.85	6.8	12.52	3.1
1	7.97	7.7	7.46	7.1	12.21	3.3
2	8.13	18.3	6.45	6.4	—	—
3	10.63	5.8	9.94	5.3	—	—

See footnotes at end of table.

Table 4-1. **Selected occupations¹ and levels,² all workers:³ Mean hourly earnings,⁴ private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, July 1999 — Continued**

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
Service—Continued						
Personal service	\$10.72	11.1	\$10.70	12.2	\$10.85	9.4
1	6.48	3.9	6.21	1.9	8.25	4.7
2	7.40	2.6	7.35	2.6	—	—
3	9.98	6.0	9.57	7.0	11.50	6.6
4	13.43	12.9	13.47	13.4	—	—
Attendants, amusement, and recreation facilities	7.39	6.8	7.33	7.2	—	—
Public transportation attendants	24.31	25.1	24.31	25.1	—	—
Early childhood teachers' assistants	9.50	3.1	—	—	10.22	7.1
1	8.45	5.5	—	—	—	—
Child care workers, n.e.c.	10.02	10.4	10.03	13.7	9.96	6.9
1	7.25	6.0	—	—	—	—
Service, n.e.c.	7.73	9.0	7.44	8.2	—	—
1	6.18	1.9	—	—	—	—

¹ A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. See appendix B for more information.

² Each occupation for which data are collected in an establishment is evaluated based on 10 factors, including knowledge, complexity, work environment, etc. Points are assigned based on the occupation's rank within each factor. The points are summed to determine the overall level of the occupation. See appendixes C and D for more information.

³ All workers include full-time and part-time workers.

⁴ Earnings are the straight-time hourly wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, holidays, nonproduction bonuses, and tips. The mean is computed by totaling the pay

of all workers and dividing by the number of workers, weighted by hours.

⁵ The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see appendix A.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria, and n.e.c. means not elsewhere classified. Overall occupational groups may include data for categories not shown separately. IN THIS SURVEY, THE NONRESPONSE RATE FOR ALL INDUSTRIES AND PRIVATE INDUSTRY EXCEEDED REGULAR SURVEY STANDARDS FOR PUBLICATION. ACCORDINGLY, USERS SHOULD INTERPRET THESE RESULTS WITH THIS LIMITATION IN MIND.

Table 4-2. **Selected occupations¹ and levels,² full-time workers:³ Mean hourly earnings,⁴ private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, July 1999**

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
All	\$19.19	2.7	\$18.00	3.5	\$24.18	2.1
All excluding sales	19.18	2.8	17.91	3.7	24.18	2.1
White collar	23.56	2.8	23.18	3.7	24.78	2.6
1	7.87	6.5	7.87	6.5	—	—
2	9.44	5.7	9.39	6.0	—	—
3	11.50	3.3	11.25	4.0	12.59	2.9
4	12.62	2.6	12.44	3.1	13.43	2.9
5	15.54	2.4	15.68	2.8	14.95	3.0
6	17.86	6.2	18.09	8.5	17.40	7.5
7	20.06	2.9	20.42	3.6	19.02	2.7
8	24.19	3.5	22.38	2.6	29.71	6.6
9	29.79	3.0	28.36	5.1	31.63	2.9
10	28.48	2.3	28.35	2.5	29.06	5.9
11	34.19	2.5	33.15	2.4	37.51	6.4
12	38.54	2.6	37.93	3.0	43.02	5.1
13	49.93	3.9	49.90	4.1	—	—
14	58.15	8.3	58.39	8.9	—	—
Not able to be leveled	60.47	28.1	66.65	25.5	—	—
White collar excluding sales	23.99	2.9	23.71	3.9	24.78	2.6
1	8.20	8.0	8.20	8.0	—	—
2	9.67	5.9	9.63	6.2	—	—
3	11.11	2.2	10.68	2.3	12.59	2.9
4	12.94	2.1	12.79	2.7	13.43	2.9
5	14.85	2.1	14.82	2.5	14.95	3.0
6	16.77	3.5	16.40	3.1	17.40	7.5
7	19.90	2.7	20.22	3.4	19.02	2.7
8	24.22	3.7	22.18	2.6	29.71	6.6
9	29.16	2.4	27.08	3.6	31.63	2.9
10	28.64	2.4	28.54	2.6	29.06	5.9
11	34.25	2.5	33.17	2.4	37.51	6.4
12	38.73	2.7	38.14	3.0	43.02	5.1
13	49.93	3.9	49.90	4.1	—	—
14	58.15	8.3	58.39	8.9	—	—
Not able to be leveled	60.47	28.1	66.65	25.5	—	—
Professional specialty and technical	29.35	2.4	28.42	3.5	31.21	2.5
Professional specialty	31.43	2.3	30.77	3.5	32.49	2.6
5	13.92	4.9	14.11	6.9	—	—
6	19.57	21.0	14.42	10.8	26.32	16.0
7	23.19	7.4	23.36	8.7	22.32	7.7
8	26.42	5.4	22.33	2.5	33.23	5.8
9	30.51	2.5	26.40	2.5	32.75	3.1
10	28.57	3.1	28.47	3.3	28.90	7.3
11	34.26	3.4	33.29	2.1	35.81	8.0
12	40.21	3.4	39.56	3.8	45.08	6.8
13	47.96	2.9	47.58	3.0	—	—
14	54.44	6.6	53.93	7.9	—	—
Not able to be leveled	45.01	11.4	47.95	9.3	—	—
Engineers, architects, and surveyors	34.13	2.2	34.36	2.2	30.15	6.0
7	27.13	6.8	27.13	6.8	—	—
9	28.78	2.3	29.15	2.5	—	—
10	28.12	3.1	28.14	3.4	—	—
11	32.17	2.9	32.01	3.0	—	—
12	39.62	4.7	39.72	4.8	—	—
13	47.37	3.1	47.37	3.1	—	—
14	50.31	7.0	50.31	7.0	—	—
Aerospace engineers	35.18	4.4	35.18	4.4	—	—
11	31.91	4.0	31.91	4.0	—	—
12	39.13	2.6	39.13	2.6	—	—
Civil engineers	30.19	9.1	—	—	28.49	4.6
Electrical and electronic engineers	34.16	5.6	34.10	5.7	—	—
9	29.06	3.8	29.06	3.8	—	—
11	32.83	7.6	—	—	—	—
Industrial engineers	25.60	6.8	—	—	—	—

See footnotes at end of table.

Table 4-2. **Selected occupations¹ and levels,² full-time workers:³ Mean hourly earnings,⁴ private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, July 1999** — Continued

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
White collar —Continued						
Professional specialty and technical —Continued						
Professional specialty —Continued						
Engineers, architects, and surveyors —Continued						
Mechanical engineers	\$29.59	6.7	\$28.94	6.9	—	—
Engineers, n.e.c.	34.67	2.4	34.67	2.4	—	—
9	29.74	4.2	29.77	4.2	—	—
10	29.87	3.5	29.87	3.5	—	—
11	33.17	1.2	33.17	1.2	—	—
12	37.11	3.6	37.11	3.6	—	—
Mathematical and computer scientists	28.53	3.2	29.48	2.6	\$25.00	5.7
9	26.94	5.7	28.47	5.7	—	—
10	27.50	5.2	—	—	—	—
11	32.30	2.1	32.77	1.7	—	—
12	32.56	7.4	31.78	8.2	—	—
Computer systems analysts and scientists	28.51	3.7	29.70	3.1	25.00	5.7
9	27.12	6.0	28.86	5.8	—	—
10	28.10	5.8	—	—	—	—
11	32.21	2.7	32.80	2.1	—	—
Operations and systems researchers and analysts	28.62	4.4	28.62	4.4	—	—
Natural scientists	28.82	6.8	30.55	7.3	25.95	6.0
Health related	26.36	4.1	26.52	4.6	25.42	8.0
7	21.99	5.2	22.45	4.8	—	—
8	22.12	2.6	22.01	2.7	—	—
9	24.35	2.4	24.70	2.9	23.36	3.4
10	26.41	4.3	26.96	5.2	—	—
11	30.10	5.3	—	—	—	—
12	43.36	7.7	40.89	6.5	—	—
Physicians	47.95	20.4	—	—	—	—
Registered nurses	24.67	2.5	24.72	2.9	24.38	2.7
8	22.77	3.0	22.67	3.1	—	—
9	24.55	2.5	24.74	3.0	23.95	3.4
10	27.07	5.1	27.28	5.7	—	—
Teachers, college and university	38.69	5.6	37.80	12.5	39.17	5.3
9	29.16	11.7	—	—	—	—
10	37.59	6.0	36.11	11.6	—	—
11	36.64	5.8	—	—	38.84	6.0
12	50.76	9.5	56.61	28.5	48.58	5.9
Business, commerce, and marketing teachers	47.56	27.7	47.56	27.7	—	—
Other post-secondary teachers	40.24	4.2	39.36	15.6	40.42	4.0
10	37.67	6.4	—	—	—	—
11	36.44	5.9	—	—	38.18	6.3
Teachers, except college and university	32.06	3.9	16.45	8.0	35.36	2.5
5	14.09	10.7	14.09	10.7	—	—
6	21.37	27.8	—	—	—	—
7	19.43	15.6	—	—	27.06	7.7
8	33.02	6.1	19.44	10.0	34.57	6.3
9	35.11	2.9	—	—	35.66	2.6
10	35.84	3.8	—	—	—	—
11	39.76	8.7	—	—	—	—
Elementary school teachers	34.20	4.1	15.44	2.8	35.85	3.1
7	23.90	8.0	—	—	—	—
8	32.34	3.8	—	—	—	—
9	35.73	3.5	—	—	36.68	2.4
Secondary school teachers	34.39	2.2	24.48	6.3	34.77	2.2
9	35.14	2.6	—	—	35.25	2.6
Teachers, special education	30.41	7.2	—	—	—	—
Teachers, n.e.c.	32.77	14.9	19.05	13.8	—	—
8	36.31	15.3	—	—	—	—
Vocational and educational counselors	27.45	16.1	—	—	31.44	13.8
Librarians, archivists, and curators	—	—	—	—	—	—
Social scientists and urban planners	32.94	9.0	—	—	31.66	19.5

See footnotes at end of table.

Table 4-2. **Selected occupations¹ and levels,² full-time workers:³ Mean hourly earnings,⁴ private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, July 1999** — Continued

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
White collar —Continued						
Professional specialty and technical —Continued						
Professional specialty —Continued						
Social, recreation, and religious workers	\$21.17	12.0	\$21.71	13.3	\$21.00	15.3
9	28.17	5.8	—	—	—	—
Social workers	21.77	12.6	24.60	7.4	21.02	16.1
9	28.17	5.8	—	—	—	—
Lawyers and judges	42.37	8.3	—	—	—	—
Lawyers	42.37	8.3	—	—	—	—
Writers, authors, entertainers, athletes, and						
professionals, n.e.c.	39.08	12.0	39.92	11.7	—	—
7	26.27	15.0	26.27	15.0	—	—
Designers	32.48	20.7	32.48	20.7	—	—
Editors and reporters	49.31	17.9	49.31	17.9	—	—
Professional, n.e.c.	22.33	8.2	23.23	8.6	—	—
Technical	21.86	4.9	22.30	5.7	19.35	4.9
4	13.32	4.4	13.42	5.3	—	—
5	15.02	4.7	15.02	4.7	—	—
6	19.54	7.7	19.67	9.5	—	—
7	19.62	3.3	20.12	3.3	17.91	5.8
8	23.15	3.9	23.35	4.2	21.52	10.3
9	35.19	19.3	36.79	20.6	—	—
10	28.15	7.0	—	—	—	—
Clinical laboratory technologists and technicians	19.67	11.6	20.18	12.4	—	—
Radiological technicians	20.43	4.0	20.43	4.0	—	—
Licensed practical nurses	14.62	2.5	14.50	2.6	—	—
5	14.59	2.8	14.59	2.8	—	—
7	14.69	4.8	—	—	—	—
Health technologists and technicians, n.e.c.	16.74	4.7	16.80	7.1	—	—
7	15.87	2.1	—	—	—	—
Electrical and electronic technicians	21.34	6.5	21.11	6.6	—	—
7	23.03	7.7	23.04	7.7	—	—
8	24.66	7.6	24.25	8.2	—	—
Engineering technicians, n.e.c.	22.51	10.9	22.85	13.5	—	—
7	18.74	8.3	—	—	—	—
Computer programmers	27.79	5.6	—	—	—	—
Legal assistants	20.89	12.1	20.89	12.1	—	—
Technical and related, n.e.c.	24.44	11.3	25.18	13.1	20.83	4.7
6	19.72	5.5	—	—	—	—
8	25.93	8.7	—	—	—	—
Executive, administrative, and managerial						
5	16.97	12.8	—	—	—	—
6	16.88	7.1	16.94	10.9	—	—
7	18.06	3.0	17.83	3.6	18.72	5.5
8	21.65	5.6	21.34	7.0	22.86	4.5
9	25.97	3.5	25.91	4.0	26.20	7.1
10	28.83	3.9	28.64	4.0	—	—
11	33.93	3.3	32.67	3.5	42.68	3.8
12	37.46	3.8	36.88	4.2	41.39	6.6
13	50.20	6.2	50.26	6.4	—	—
14	60.55	12.0	60.83	12.1	—	—
Executives, administrators, and managers	37.07	7.6	37.86	8.5	32.49	10.1
7	16.93	5.6	15.76	7.8	—	—
8	21.26	12.2	20.95	13.4	—	—
9	27.58	6.5	26.83	7.3	—	—
10	29.24	4.9	28.85	5.1	—	—
11	35.02	3.5	33.54	4.0	42.68	3.8
12	38.55	3.8	38.06	4.3	41.39	6.6
13	50.58	6.3	50.64	6.5	—	—
14	61.90	12.1	62.23	12.2	—	—
Administrators and officials, public administration	40.93	7.1	—	—	40.93	7.1
Financial managers	35.85	7.7	35.45	8.2	—	—

See footnotes at end of table.

Table 4-2. **Selected occupations¹ and levels,² full-time workers:³ Mean hourly earnings,⁴ private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, July 1999** — Continued

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
White collar —Continued						
Executive, administrative, and managerial —Continued						
Executives, administrators, and managers —Continued						
Financial managers —Continued						
9	\$25.98	5.1	\$25.98	5.1	—	—
10	33.17	8.6	33.17	8.6	—	—
11	33.76	6.5	33.65	7.0	—	—
12	34.47	7.5	34.44	7.6	—	—
Personnel and labor relations managers	33.25	9.0	31.01	9.9	—	—
Managers, marketing, advertising, and public relations	41.50	12.4	42.10	12.6	—	—
Administrators, education and related fields	36.31	8.9	24.66	14.4	\$45.87	3.9
11	45.68	4.6	31.52	6.3	—	—
12	42.03	10.4	30.92	13.7	—	—
Managers, medicine and health	31.82	5.4	32.13	5.6	—	—
Managers, food servicing and lodging establishments	17.84	14.2	—	—	—	—
Managers, service organizations, n.e.c.	27.07	11.0	26.99	11.6	—	—
Managers and administrators, n.e.c.	40.25	13.2	42.08	14.1	27.42	15.8
8	24.60	15.7	24.77	17.4	—	—
9	28.82	10.3	28.09	12.0	—	—
10	27.97	10.2	27.93	10.3	—	—
11	36.30	5.1	36.25	5.3	—	—
12	37.88	4.7	38.15	5.4	—	—
13	46.40	7.2	46.40	7.2	—	—
14	66.62	10.9	66.62	10.9	—	—
Management related	23.90	2.2	24.40	2.4	21.82	4.6
5	16.97	12.8	—	—	—	—
6	18.57	7.0	18.34	9.3	—	—
7	18.78	3.4	18.83	3.5	18.54	10.0
8	21.96	3.0	21.75	3.8	—	—
9	24.77	3.4	25.12	3.7	23.73	6.9
10	28.05	6.2	28.25	6.4	—	—
11	30.19	4.1	30.19	4.1	—	—
12	30.70	4.8	30.70	4.8	—	—
Accountants and auditors	23.54	3.8	23.62	4.4	—	—
7	18.65	4.7	18.19	6.3	—	—
9	25.10	3.1	24.27	4.3	—	—
Other financial officers	24.07	5.7	24.07	5.7	—	—
9	19.68	5.0	19.68	5.0	—	—
Management analysts	25.36	8.1	25.40	8.7	—	—
9	27.71	3.9	—	—	—	—
Personnel, training, and labor relations specialists	19.85	8.5	21.76	10.2	—	—
Purchasing agents and buyers, n.e.c.	23.93	4.9	23.94	4.9	—	—
Construction inspectors	26.34	4.8	—	—	25.88	6.2
Inspectors and compliance officers, except construction	24.86	6.4	—	—	—	—
Management related, n.e.c.	23.81	3.6	24.29	4.0	20.98	2.8
7	18.09	2.6	18.12	2.7	—	—
8	21.32	3.9	20.98	8.2	—	—
9	24.89	5.7	25.06	6.0	—	—
11	29.57	7.0	29.57	7.0	—	—
Sales						
3	19.27	10.3	19.27	10.3	—	—
4	13.44	12.4	13.44	12.4	—	—
5	11.51	9.0	11.51	9.0	—	—
6	19.01	6.5	19.01	6.5	—	—
8	28.45	33.9	28.45	33.9	—	—
9	23.87	9.8	23.87	9.8	—	—
11	43.61	14.4	43.61	14.4	—	—
11	32.89	10.7	32.89	10.7	—	—

See footnotes at end of table.

Table 4-2. **Selected occupations¹ and levels,² full-time workers:³ Mean hourly earnings,⁴ private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, July 1999** — Continued

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
White collar —Continued						
Sales —Continued						
Supervisors, sales	\$31.23	28.6	\$31.23	28.6	—	—
Sales, other business services	18.78	19.0	18.78	19.0	—	—
Sales representatives, mining, manufacturing, and wholesale	26.49	12.3	26.49	12.3	—	—
8	29.48	14.1	29.48	14.1	—	—
Sales workers, motor vehicles and boats	22.06	7.9	22.06	7.9	—	—
5	22.88	13.2	22.88	13.2	—	—
Sales workers, parts	18.42	11.1	18.42	11.1	—	—
Sales workers, other commodities	14.62	14.1	14.62	14.1	—	—
4	10.06	14.2	10.06	14.2	—	—
Cashiers	10.19	9.7	10.19	9.7	—	—
3	9.86	5.9	9.86	5.9	—	—
4	10.70	20.3	10.70	20.3	—	—
Sales support, n.e.c.	14.51	9.8	14.51	9.8	—	—
6	15.82	9.1	15.82	9.1	—	—
Administrative support, including clerical						
1	13.81	1.7	13.42	2.1	\$14.98	2.4
2	8.20	8.0	8.20	8.0	—	—
3	9.67	5.9	9.63	6.2	—	—
4	11.15	2.2	10.72	2.4	12.59	2.9
5	12.93	2.2	12.77	2.8	13.45	3.0
6	14.90	2.4	14.81	3.0	15.17	2.9
7	15.94	2.1	16.04	2.8	15.78	2.9
8	19.00	2.2	19.24	2.9	18.59	3.1
Supervisors, general office	21.58	7.4	21.26	8.2	—	—
6	18.46	4.5	18.38	6.8	18.56	5.4
7	18.75	3.9	—	—	—	—
Supervisors, distribution, scheduling, and adjusting clerks	18.30	7.8	—	—	—	—
Secretaries	19.95	12.7	—	—	—	—
3	16.57	2.9	16.56	3.2	16.65	6.5
4	13.37	5.6	—	—	—	—
5	12.96	4.6	13.06	3.6	—	—
6	15.75	4.6	15.71	5.2	—	—
7	16.67	5.7	16.71	6.3	—	—
Typists	19.43	3.7	19.74	5.0	—	—
Interviewers	14.06	5.0	—	—	—	—
Transportation ticket and reservation agents	11.27	4.6	—	—	—	—
Receptionists	13.68	7.6	13.68	7.6	—	—
3	10.89	3.8	10.89	3.8	—	—
Order clerks	11.06	3.9	11.06	3.9	—	—
4	11.75	8.0	11.11	6.6	—	—
Personnel clerks, except payroll and timekeeping	13.05	6.2	12.40	4.4	—	—
Library clerks	12.45	5.2	12.45	5.2	—	—
Records clerks, n.e.c.	13.63	4.8	—	—	—	—
4	13.11	6.0	13.21	11.6	13.02	4.5
5	12.59	4.7	—	—	—	—
Bookkeepers, accounting and auditing clerks	12.49	4.7	—	—	—	—
4	14.10	3.1	13.84	3.4	15.99	4.9
5	12.75	3.8	12.67	4.0	—	—
6	14.02	4.1	13.67	4.7	—	—
7	16.83	2.7	16.53	3.0	—	—
Payroll and timekeeping clerks	17.10	13.4	18.10	15.6	—	—
4	14.20	4.8	14.21	6.1	—	—
Telephone operators	13.79	4.4	13.66	5.8	—	—
Mail clerks, except postal service	11.32	7.8	10.08	6.8	—	—
Dispatchers	10.38	7.2	10.55	7.6	—	—
Production coordinators	19.14	3.1	—	—	—	—
7	16.35	9.1	16.37	9.2	—	—
Traffic, shipping and receiving clerks	21.10	3.1	21.10	3.1	—	—
	10.04	5.5	10.04	5.5	—	—

See footnotes at end of table.

Table 4-2. **Selected occupations¹ and levels,² full-time workers:³ Mean hourly earnings,⁴ private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, July 1999** — Continued

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
White collar —Continued						
Administrative support, including clerical —Continued						
Traffic, shipping and receiving clerks —Continued						
3	\$9.56	5.0	\$9.56	5.0	—	—
4	10.87	2.8	10.87	2.8	—	—
Stock and inventory clerks	11.42	8.3	11.16	7.5	—	—
Meter readers	18.32	12.5	—	—	—	—
Insurance adjusters, examiners, and investigators	16.90	18.0	16.90	18.0	—	—
Investigators and adjusters, except insurance	15.73	6.5	15.35	7.0	—	—
4	13.78	5.7	—	—	—	—
5	16.62	7.4	16.62	7.4	—	—
Eligibility clerks, social welfare	13.66	4.8	—	—	\$14.48	0.8
Bill and account collectors	13.43	3.9	13.09	5.0	—	—
General office clerks	12.68	3.1	11.65	4.8	13.72	3.6
2	9.46	5.0	9.20	5.4	—	—
3	12.40	4.2	11.90	8.2	12.70	4.4
4	12.12	3.5	11.24	3.4	13.09	6.3
5	13.99	3.8	14.38	5.9	13.48	3.3
6	16.31	4.2	—	—	16.44	4.7
7	17.72	6.4	—	—	—	—
Data entry keyers	12.85	3.8	12.48	5.2	—	—
2	9.41	3.1	9.41	3.1	—	—
4	14.39	2.3	—	—	—	—
Teachers' aides	11.67	6.3	12.11	21.9	—	—
3	11.31	4.5	—	—	—	—
Administrative support, n.e.c.	14.01	5.4	13.39	5.5	17.02	5.2
4	12.59	6.0	12.59	6.1	—	—
5	15.90	5.9	15.35	6.5	—	—
7	18.68	1.7	18.65	1.4	—	—
Blue collar	13.60	4.3	13.05	4.7	21.12	4.6
1	7.46	5.1	7.44	5.2	—	—
2	8.46	3.1	8.32	2.8	—	—
3	9.98	5.2	9.88	5.3	—	—
4	13.14	10.1	12.80	11.2	17.18	4.5
5	13.92	5.8	13.69	6.3	17.03	5.6
6	18.58	6.2	18.79	6.6	16.00	7.2
7	20.75	3.2	19.80	3.9	24.72	4.5
8	23.26	4.4	23.10	4.9	24.45	5.9
9	30.25	9.3	29.89	10.5	33.82	1.6
Precision production, craft, and repair	19.55	4.4	19.00	5.2	23.53	4.8
2	7.46	4.9	7.46	4.9	—	—
3	9.92	8.3	9.90	8.3	—	—
4	15.15	17.1	15.08	19.1	—	—
5	15.73	6.8	15.56	7.5	17.84	6.9
6	21.40	6.6	21.68	6.6	—	—
7	21.21	3.3	20.38	4.0	24.50	5.2
8	24.05	4.7	23.98	5.4	24.45	5.9
9	30.40	9.6	30.04	10.8	33.82	1.6
Supervisors, mechanics and repairers	26.88	6.6	26.59	7.3	—	—
8	26.58	5.9	—	—	—	—
Automobile mechanics	19.19	8.2	19.01	8.5	—	—
7	20.09	10.9	19.79	11.9	—	—
Industrial machinery repairers	17.76	9.5	16.44	9.0	—	—
7	18.37	10.2	—	—	—	—
Machinery maintenance	14.33	14.1	14.33	14.1	—	—
Electronic repairers, communications and industrial equipment	21.02	7.5	20.62	10.6	—	—
Mechanics and repairers, n.e.c.	17.44	9.4	16.52	10.7	—	—
7	19.88	10.9	18.34	9.7	—	—
Carpenters	19.36	7.5	18.10	7.8	—	—

See footnotes at end of table.

Table 4-2. **Selected occupations¹ and levels,² full-time workers:³ Mean hourly earnings,⁴ private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, July 1999** — Continued

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
Blue collar —Continued						
Precision production, craft, and repair —Continued						
Carpenters —Continued						
7	\$19.11	10.2	\$16.91	10.9	—	—
Electricians	25.39	4.6	—	—	—	—
Painters, construction and maintenance	13.81	17.0	11.26	9.4	—	—
Construction trades, n.e.c.	19.10	8.1	—	—	\$16.88	7.2
Drillers, oil well	16.74	9.7	16.74	9.7	—	—
Supervisors, production	25.94	12.8	25.51	13.9	—	—
7	20.72	12.7	20.72	12.7	—	—
9	31.88	17.9	—	—	—	—
Machinists	18.99	5.2	18.99	5.2	—	—
7	20.17	3.2	20.17	3.2	—	—
Electrical and electronic equipment assemblers ..	10.26	14.3	10.26	14.3	—	—
Inspectors, testers, and graders	16.90	10.3	16.67	10.6	—	—
7	17.77	6.9	17.22	7.0	—	—
Water and sewer treatment plant operators	21.53	5.8	—	—	21.55	5.9
7	22.91	3.2	—	—	—	—
Machine operators, assemblers, and inspectors						
1	10.18	4.9	10.11	5.0	—	—
2	7.43	7.9	7.40	8.0	—	—
3	8.06	3.3	8.06	3.3	—	—
4	9.20	5.0	9.20	5.0	—	—
5	10.04	7.8	10.04	7.8	—	—
6	10.98	7.1	10.98	7.1	—	—
7	16.29	7.7	16.29	7.7	—	—
8	18.35	6.9	17.49	7.2	—	—
Molding and casting machine operators	7.21	8.3	7.21	8.3	—	—
Printing press operators	14.30	15.1	14.30	15.1	—	—
Textile sewing machine operators	7.78	6.1	7.78	6.1	—	—
2	7.35	7.2	7.35	7.2	—	—
Mixing and blending machine operators	10.49	8.9	10.49	8.9	—	—
Photographic process machine operators	10.71	11.1	10.71	11.1	—	—
Miscellaneous machine operators, n.e.c.	9.82	9.9	9.46	9.7	—	—
1	7.35	8.7	7.35	8.7	—	—
3	10.34	16.5	10.34	16.5	—	—
Welders and cutters	15.71	21.8	14.65	23.5	—	—
7	21.91	10.7	—	—	—	—
Assemblers	9.81	6.1	9.81	6.1	—	—
2	8.21	5.5	8.21	5.5	—	—
3	9.08	10.8	9.08	10.8	—	—
4	10.61	8.2	10.61	8.2	—	—
5	11.03	6.2	11.03	6.2	—	—
Miscellaneous hand working, n.e.c.	7.45	2.3	7.45	2.3	—	—
Production inspectors, checkers and examiners ..	10.93	7.3	10.93	7.3	—	—
Transportation and material moving						
2	13.80	11.8	13.15	14.0	18.69	8.4
3	8.55	8.7	8.55	8.7	—	—
4	11.59	9.7	11.59	9.7	—	—
7	16.10	20.3	15.77	24.8	—	—
Truck drivers	22.86	7.6	—	—	—	—
4	12.39	10.4	11.75	11.4	—	—
Industrial truck and tractor equipment operators ..	13.03	18.6	11.46	22.1	—	—
7	10.68	13.4	10.68	13.4	—	—
Handlers, equipment cleaners, helpers, and laborers						
1	9.85	4.3	9.47	4.5	15.88	5.2
2	7.46	5.0	7.45	5.0	—	—
3	9.30	5.6	8.91	5.1	—	—
4	10.48	8.5	10.26	8.8	—	—
5	13.06	9.7	12.67	10.7	—	—
6	14.48	7.4	13.69	8.1	—	—
7	16.27	8.6	—	—	—	—
8	14.59	7.3	14.59	7.3	—	—

See footnotes at end of table.

Table 4-2. **Selected occupations¹ and levels,² full-time workers:³ Mean hourly earnings,⁴ private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, July 1999** — Continued

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
Blue collar —Continued						
Handlers, equipment cleaners, helpers, and laborers						
—Continued						
Groundskeepers and gardeners, except farm	\$13.56	8.8	—	—	—	—
Supervisors, handlers, equipment cleaners, and						
laborers, n.e.c.	15.64	5.3	\$15.64	5.3	—	—
Helpers, mechanics and repairers	10.65	17.8	—	—	—	—
Construction laborers	8.84	9.2	8.66	9.1	—	—
Production helpers	8.05	10.4	8.05	10.4	—	—
1	7.66	7.2	7.66	7.2	—	—
3	7.73	7.3	7.73	7.3	—	—
Stock handlers and baggers	10.54	13.7	10.54	13.7	—	—
2	8.61	4.7	8.61	4.7	—	—
3	11.99	21.3	11.99	21.3	—	—
Machine feeders and offbearers	9.24	14.0	9.24	14.0	—	—
Freight, stock, and material handlers, n.e.c.	8.60	10.5	8.60	10.5	—	—
1	7.24	12.3	7.24	12.3	—	—
2	10.29	11.6	10.29	11.6	—	—
Vehicle washers and equipment cleaners	8.23	7.6	8.23	7.6	—	—
2	8.07	9.1	8.07	9.1	—	—
Hand packers and packagers	7.54	6.3	7.54	6.3	—	—
1	7.07	5.4	7.07	5.4	—	—
Laborers, except construction, n.e.c.	12.41	6.9	11.52	8.6	\$15.81	6.8
2	11.23	9.3	9.89	9.4	—	—
Service	12.75	6.0	9.02	4.2	23.55	3.9
1	7.25	3.7	7.05	3.6	12.38	3.3
2	7.97	3.3	7.79	2.8	—	—
3	8.94	4.7	8.59	4.3	12.28	5.3
4	11.60	5.3	11.42	5.9	12.79	3.4
5	12.24	7.6	11.52	9.3	14.69	3.4
6	16.52	6.4	14.56	7.3	—	—
7	23.01	8.4	21.42	24.8	23.80	5.1
8	22.37	7.3	—	—	23.90	5.4
9	27.21	6.1	—	—	27.55	6.1
10	32.19	4.6	—	—	32.45	4.6
Protective service	19.38	11.7	8.34	8.9	26.45	3.7
5	13.67	5.6	—	—	—	—
7	23.64	4.9	—	—	24.13	5.2
8	23.90	5.4	—	—	23.90	5.4
9	27.55	6.1	—	—	27.55	6.1
10	32.45	4.6	—	—	32.45	4.6
Police and detectives, public service	26.05	4.3	—	—	26.05	4.3
9	28.24	4.2	—	—	28.24	4.2
Sheriffs, bailiffs, and other law enforcement						
officers	23.37	3.3	—	—	23.37	3.3
Guards and police, except public service	8.05	7.5	7.90	7.2	—	—
Food service	8.82	4.3	8.55	4.4	12.73	7.0
1	6.94	6.3	6.94	6.3	—	—
2	7.91	6.8	7.66	7.0	—	—
3	9.69	5.0	9.35	5.6	—	—
4	11.01	8.2	10.87	9.4	—	—
5	12.27	15.2	—	—	—	—
6	13.99	11.7	13.99	11.7	—	—
Waiters, waitresses, and bartenders	6.37	3.0	6.37	3.0	—	—
1	5.96	2.7	5.96	2.7	—	—
Waiters and waitresses	5.81	.5	5.81	.5	—	—
Waiters'/Waitresses' assistants	6.11	4.1	6.11	4.1	—	—
1	6.11	4.1	6.11	4.1	—	—
Other food service	9.35	4.7	9.06	4.9	12.73	7.0
1	7.26	6.9	7.26	6.9	—	—
2	8.22	6.6	7.97	6.8	—	—

See footnotes at end of table.

Table 4-2. **Selected occupations¹ and levels,² full-time workers:³ Mean hourly earnings,⁴ private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, July 1999** — Continued

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
Service —Continued						
Food service—Continued						
Other food service—Continued						
3	\$9.79	5.2	\$9.43	5.9	—	—
4	11.30	8.5	11.19	9.9	—	—
Supervisors, food preparation and service	16.78	4.0	16.98	4.9	—	—
Cooks	10.04	6.8	10.01	7.0	—	—
3	10.01	5.8	10.01	5.8	—	—
4	11.19	9.9	11.19	9.9	—	—
Food counter, fountain, and related	6.32	3.1	6.32	3.1	—	—
Kitchen workers, food preparation	8.31	9.1	8.04	9.6	—	—
Food preparation, n.e.c.	7.96	4.9	7.54	4.7	—	—
1	7.24	4.5	7.24	4.5	—	—
Health service	9.31	5.3	9.00	5.5	\$12.41	5.4
2	8.04	4.3	7.92	4.4	—	—
3	7.68	7.4	7.68	7.4	—	—
4	9.38	8.1	8.60	5.9	—	—
5	13.38	1.4	13.43	1.7	—	—
Health aides, except nursing	12.67	3.8	12.30	5.0	—	—
5	13.30	2.4	—	—	—	—
Nursing aides, orderlies and attendants	8.57	5.1	8.44	5.2	—	—
2	8.04	4.3	7.92	4.4	—	—
3	7.40	7.1	7.40	7.1	—	—
4	8.79	6.2	8.48	5.7	—	—
Cleaning and building service	8.89	6.0	8.16	5.6	13.29	5.2
1	7.85	6.4	7.43	6.0	12.38	3.3
2	8.11	15.0	6.81	6.7	—	—
3	10.00	7.4	9.37	8.0	—	—
4	12.57	3.9	12.24	5.3	—	—
Supervisors, cleaning and building service workers	12.42	13.1	11.23	14.5	—	—
Maids and housemen	7.76	5.4	7.76	5.4	—	—
1	7.33	4.9	7.33	4.9	—	—
Janitors and cleaners	8.67	7.7	7.85	7.5	12.61	3.1
1	8.00	8.3	7.46	7.8	12.38	3.3
2	8.13	18.3	6.45	6.4	—	—
3	11.03	6.3	10.33	5.9	—	—
Personal service	11.90	14.9	11.80	15.0	—	—
3	9.42	9.3	9.42	9.3	—	—
4	13.96	15.5	13.96	15.5	—	—
Public transportation attendants	25.78	22.3	25.78	22.3	—	—
Service, n.e.c.	7.87	11.2	7.54	9.6	—	—

¹ A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. See appendix B for more information.

² Each occupation for which data are collected in an establishment is evaluated based on 10 factors, including knowledge, complexity, work environment, etc. Points are assigned based on the occupation's rank within each factor. The points are summed to determine the overall level of the occupation. See appendixes C and D for more information.

³ Employees are classified as working either a full-time or a part-time schedule based on the definition used by each establishment. Therefore, a worker with a 35-hour-per-week schedule might be considered a full-time employee in one establishment, but classified as part-time in another firm, where a 40-hour week is the minimum full-time schedule.

⁴ Earnings are the straight-time hourly wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and

hazard pay. Excluded are premium pay for overtime, vacations, holidays, nonproduction bonuses, and tips. The mean is computed by totaling the pay of all workers and dividing by the number of workers, weighted by hours.

⁵ The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see appendix A.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria, and n.e.c. means not elsewhere classified. Overall occupational groups may include data for categories not shown separately. IN THIS SURVEY, THE NONRESPONSE RATE FOR ALL INDUSTRIES AND PRIVATE INDUSTRY EXCEEDED REGULAR SURVEY STANDARDS FOR PUBLICATION. ACCORDINGLY, USERS SHOULD INTERPRET THESE RESULTS WITH THIS LIMITATION IN MIND.

Table 4-3. **Selected occupations¹ and levels,² part-time workers:³ Mean hourly earnings,⁴ private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, July 1999**

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
All	\$10.53	4.0	\$9.36	4.2	\$15.54	7.4
All excluding sales	11.01	4.5	9.66	5.1	15.57	7.5
White collar	12.93	5.4	11.20	6.4	17.77	7.9
1	6.58	3.0	6.55	3.0	—	—
2	9.44	7.4	9.12	10.4	10.01	6.6
3	8.84	5.5	8.42	6.1	11.19	4.0
4	10.65	5.4	9.96	5.9	13.32	6.2
5	13.76	5.4	14.14	5.5	—	—
6	17.43	4.3	15.95	9.7	—	—
7	18.66	7.8	16.90	11.8	20.60	5.4
8	20.69	5.3	21.63	5.3	—	—
9	27.83	9.0	23.69	6.9	31.52	10.5
10	37.59	3.3	—	—	37.59	3.3
11	33.93	9.0	—	—	—	—
12	44.32	2.3	—	—	43.58	3.5
Not able to be leveled	15.33	21.3	15.93	24.7	—	—
White collar excluding sales	15.33	5.6	13.68	7.9	17.85	7.9
1	6.61	5.4	6.54	5.7	—	—
2	9.92	4.6	9.81	6.5	10.01	6.6
3	9.76	2.5	9.16	2.0	11.16	4.3
4	12.01	4.1	11.35	4.9	13.32	6.2
5	13.71	5.9	14.22	5.9	—	—
6	17.68	5.1	15.58	20.7	—	—
7	18.66	7.8	16.90	11.8	20.60	5.4
8	20.69	5.3	21.63	5.3	—	—
9	28.43	8.8	24.48	6.5	31.52	10.5
10	37.59	3.3	—	—	37.59	3.3
11	33.93	9.0	—	—	—	—
12	44.32	2.3	—	—	43.58	3.5
Not able to be leveled	15.33	21.3	15.93	24.7	—	—
Professional specialty and technical	22.80	6.3	20.65	7.5	25.19	9.4
Professional specialty	24.59	6.3	22.22	8.9	26.80	7.9
5	12.22	8.5	10.62	5.0	—	—
7	23.21	6.6	—	—	—	—
8	20.69	5.3	21.63	5.3	—	—
9	28.52	8.8	24.63	6.5	31.52	10.5
10	37.59	3.3	—	—	37.59	3.3
11	34.14	9.7	—	—	—	—
12	41.76	3.1	—	—	41.76	3.1
Not able to be leveled	16.18	27.6	16.18	27.6	—	—
Health related	25.11	4.3	25.55	4.8	—	—
8	23.31	3.0	23.31	3.0	—	—
9	24.85	6.0	24.64	6.4	—	—
Registered nurses	23.95	3.9	24.26	4.4	—	—
9	24.85	6.0	24.64	6.4	—	—
Teachers, college and university	33.68	3.6	26.92	36.3	34.14	3.2
9	31.37	10.2	—	—	29.86	10.8
10	38.14	3.1	—	—	38.14	3.1
12	41.76	3.1	—	—	41.76	3.1
Other post-secondary teachers	32.99	3.4	—	—	33.66	3.2
10	38.14	3.1	—	—	38.14	3.1
Teachers, except college and university	23.30	15.1	16.16	10.2	24.12	15.7
5	12.80	7.9	10.62	5.0	—	—
8	18.36	2.5	—	—	—	—
9	31.73	13.9	22.41	9.3	—	—
Secondary school teachers	20.18	10.9	20.18	10.9	—	—
Teachers, n.e.c.	30.37	16.0	16.34	14.3	—	—
5	11.12	5.3	—	—	—	—
9	35.34	6.2	22.49	9.7	—	—
Substitute teachers	18.21	4.4	—	—	18.25	4.3
Social scientists and urban planners	—	—	—	—	—	—
Social, recreation, and religious workers	—	—	—	—	—	—

See footnotes at end of table.

Table 4-3. **Selected occupations¹ and levels,² part-time workers:³ Mean hourly earnings,⁴ private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, July 1999** — Continued

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
White collar —Continued						
Professional specialty and technical —Continued						
Professional specialty —Continued						
Writers, authors, entertainers, athletes, and						
professionals, n.e.c.	\$16.23	26.2	\$16.23	26.2	—	—
Not able to be leveled	16.20	28.0	16.20	28.0	—	—
Technical	14.37	9.4	15.71	6.3	—	—
7	15.59	7.4	—	—	—	—
Licensed practical nurses	14.87	4.5	—	—	—	—
Executive, administrative, and managerial	39.22	17.8	—	—	\$31.25	34.2
Executives, administrators, and managers	39.75	17.8	—	—	31.25	34.2
Management related	—	—	—	—	—	—
Sales	8.34	5.7	8.31	5.7	—	—
1	6.55	2.8	6.55	2.8	—	—
3	8.02	9.2	7.95	9.3	—	—
Sales workers, furniture and home furnishings	7.25	9.7	7.25	9.7	—	—
3	7.91	8.0	7.91	8.0	—	—
Sales workers, other commodities	7.52	3.5	7.52	3.5	—	—
Cashiers	10.10	7.1	10.06	7.3	—	—
1	6.83	3.1	6.83	3.1	—	—
3	9.81	11.5	9.71	12.1	—	—
Administrative support, including clerical	10.38	3.4	9.52	3.6	11.98	5.5
1	6.61	5.4	6.54	5.7	—	—
2	9.92	4.6	9.81	6.5	10.01	6.6
3	9.80	2.7	9.16	2.0	11.76	3.4
4	12.03	4.1	11.34	5.0	13.39	6.3
Secretaries	12.74	6.5	12.74	6.5	—	—
4	13.13	5.7	13.13	5.7	—	—
Receptionists	8.57	11.7	7.73	9.2	—	—
General office clerks	9.83	7.5	9.08	9.3	12.39	8.0
1	6.70	10.4	6.70	10.4	—	—
2	11.51	11.3	—	—	—	—
3	9.83	4.6	9.33	3.4	—	—
Teachers' aides	11.82	6.9	—	—	11.89	7.0
2	9.97	6.4	—	—	9.97	6.4
3	11.77	3.1	—	—	11.77	3.1
4	12.91	7.6	—	—	12.91	7.6
Administrative support, n.e.c.	7.34	9.6	7.28	11.6	—	—
Blue collar	8.99	6.3	8.94	6.3	—	—
1	7.15	2.9	7.15	2.9	—	—
2	9.42	7.4	9.42	7.4	—	—
3	11.24	13.9	11.02	14.8	—	—
Precision production, craft, and repair	—	—	—	—	—	—
Machine operators, assemblers, and inspectors	—	—	—	—	—	—
Transportation and material moving	10.03	7.8	9.78	7.6	—	—
Handlers, equipment cleaners, helpers, and laborers	8.51	7.1	8.51	7.1	—	—
1	7.05	3.1	7.05	3.1	—	—
2	9.71	7.7	9.71	7.7	—	—
3	11.32	15.2	11.32	15.2	—	—
Stock handlers and baggers	9.77	13.2	9.77	13.2	—	—
1	6.35	2.6	6.35	2.6	—	—
2	9.96	9.6	9.96	9.6	—	—
Laborers, except construction, n.e.c.	7.84	6.2	7.84	6.2	—	—
1	6.86	2.9	6.86	2.9	—	—

See footnotes at end of table.

Table 4-3. **Selected occupations¹ and levels,² part-time workers:³ Mean hourly earnings,⁴ private industry and State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, July 1999** — Continued

Occupation and level	Total		Private industry		State and local government	
	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)	Mean	Relative error ⁵ (percent)
Service	\$7.32	2.8	\$6.97	2.5	\$9.26	8.6
1	6.56	2.7	6.35	2.2	8.78	4.0
2	7.23	4.0	7.08	4.1	—	—
3	8.35	6.1	7.90	6.3	9.58	14.3
4	9.42	8.6	—	—	—	—
Protective service	7.07	6.6	—	—	—	—
Food service	6.61	2.7	6.35	2.4	10.02	4.6
1	6.13	1.9	6.00	1.4	—	—
2	7.13	6.2	6.92	6.4	—	—
3	6.94	7.0	6.61	6.5	—	—
Waiters, waitresses, and bartenders	5.89	1.1	5.89	1.1	—	—
1	5.90	2.0	5.90	2.0	—	—
2	5.84	1.5	5.84	1.5	—	—
Waiters and waitresses	5.89	1.5	5.89	1.5	—	—
2	5.84	1.6	5.84	1.6	—	—
Waiters'/Waitresses' assistants	5.90	1.9	5.90	1.9	—	—
1	5.76	.0	5.76	.0	—	—
Other food service	7.21	4.7	6.80	4.5	10.02	4.6
1	6.29	3.4	6.06	2.2	—	—
2	8.24	5.4	8.03	6.4	—	—
3	8.25	5.3	—	—	—	—
Food counter, fountain, and related	7.19	10.9	7.19	10.9	—	—
Food preparation, n.e.c.	6.65	4.2	6.21	2.4	—	—
1	6.38	4.1	6.03	2.0	—	—
Health service	9.00	7.4	8.76	8.0	—	—
3	8.76	5.1	—	—	—	—
Nursing aides, orderlies and attendants	8.29	7.1	8.19	7.7	—	—
3	8.76	5.1	—	—	—	—
Cleaning and building service	7.53	5.3	7.39	5.5	—	—
1	7.25	5.9	7.07	6.0	—	—
Janitors and cleaners	7.96	6.0	7.80	6.1	—	—
1	7.70	6.9	7.48	6.9	—	—
Personal service	8.20	6.1	7.62	6.5	9.92	5.1
1	6.81	5.5	6.26	1.2	8.25	4.7
2	7.41	4.8	7.31	4.7	—	—
3	10.52	7.0	9.81	10.1	11.50	6.6
Attendants, amusement, and recreation facilities	7.48	6.8	—	—	—	—
Early childhood teachers' assistants	9.62	5.7	—	—	10.22	7.1
1	8.45	5.5	—	—	—	—
Child care workers, n.e.c.	8.22	10.6	7.01	4.6	9.96	6.9
1	7.25	6.0	—	—	—	—
Service, n.e.c.	7.34	11.0	7.14	10.9	—	—

¹ A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. See appendix B for more information.

² Each occupation for which data are collected in an establishment is evaluated based on 10 factors, including knowledge, complexity, work environment, etc. Points are assigned based on the occupation's rank within each factor. The points are summed to determine the overall level of the occupation. See appendixes C and D for more information.

³ Employees are classified as working either a full-time or a part-time schedule based on the definition used by each establishment. Therefore, a worker with a 35-hour-per-week schedule might be considered a full-time employee in one establishment, but classified as part-time in another firm, where a 40-hour week is the minimum full-time schedule.

⁴ Earnings are the straight-time hourly wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and

hazard pay. Excluded are premium pay for overtime, vacations, holidays, nonproduction bonuses, and tips. The mean is computed by totaling the pay of all workers and dividing by the number of workers, weighted by hours.

⁵ The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see appendix A.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria, and n.e.c. means not elsewhere classified. Overall occupational groups may include data for categories not shown separately. IN THIS SURVEY, THE NONRESPONSE RATE FOR ALL INDUSTRIES AND PRIVATE INDUSTRY EXCEEDED REGULAR SURVEY STANDARDS FOR PUBLICATION. ACCORDINGLY, USERS SHOULD INTERPRET THESE RESULTS WITH THIS LIMITATION IN MIND.

Table 5-1. **Selected worker characteristics: Mean hourly earnings¹ by occupational group,² National Compensation Survey, Los Angeles-Riverside-Orange County, CA, July 1999**

Occupational group	Private industry and State and local government					
	Full-time workers ³	Part-time workers ³	Union ⁴	Nonunion ⁴	Time ⁵	Incentive ⁵
	Mean					
All occupations	\$19.19	\$10.53	\$20.65	\$17.59	\$18.36	\$19.25
All excluding sales	19.18	11.01	20.84	17.66	18.67	13.60
White collar	23.56	12.93	22.86	22.60	22.57	24.81
White-collar excluding sales	23.99	15.33	23.32	23.50	23.51	18.06
Professional specialty and technical	29.35	22.80	30.52	28.19	29.02	—
Professional specialty	31.43	24.59	31.59	30.71	31.05	—
Technical	21.86	14.37	23.22	21.09	21.53	—
Executive, administrative, and managerial	31.97	39.22	23.85	32.92	31.94	—
Sales	19.27	8.34	13.04	16.85	11.95	26.60
Administrative support, including clerical	13.81	10.38	14.73	12.97	13.51	—
Blue collar	13.60	8.99	18.79	11.50	13.43	12.56
Precision production, craft, and repair	19.55	—	22.87	17.55	19.66	17.61
Machine operators, assemblers, and inspectors	10.18	—	15.08	9.51	10.27	9.61
Transportation and material moving	13.80	10.03	17.85	10.23	13.27	—
Handlers, equipment cleaners, helpers, and laborers	9.85	8.51	13.55	8.52	9.64	—
Service	12.75	7.32	17.27	8.94	11.77	—
	Relative error ⁶ (percent)					
All occupations	2.7	4.0	2.7	3.5	2.7	12.3
All excluding sales	2.8	4.5	2.8	3.7	2.7	10.6
White collar	2.8	5.4	2.7	3.6	2.8	14.1
White-collar excluding sales	2.9	5.6	2.7	3.8	2.9	28.7
Professional specialty and technical	2.4	6.3	2.7	3.4	2.3	—
Professional specialty	2.3	6.3	2.4	3.4	2.2	—
Technical	4.9	9.4	15.8	4.3	4.9	—
Executive, administrative, and managerial	5.6	17.8	7.8	5.9	5.6	—
Sales	10.3	5.7	8.8	10.6	5.5	13.6
Administrative support, including clerical	1.7	3.4	2.3	1.9	1.6	—
Blue collar	4.3	6.3	4.9	3.8	4.4	10.1
Precision production, craft, and repair	4.4	—	3.3	5.2	4.6	11.1
Machine operators, assemblers, and inspectors	4.9	—	11.6	5.0	5.5	9.4
Transportation and material moving	11.8	7.8	13.4	8.8	12.1	—
Handlers, equipment cleaners, helpers, and laborers	4.3	7.1	6.0	3.2	4.1	—
Service	6.0	2.8	8.9	5.2	5.3	—

¹ Earnings are the straight-time hourly wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, holidays, nonproduction bonuses, and tips. The mean is computed by totaling the pay of all workers and dividing by the number of workers, weighted by hours.

² A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. See appendix B for more information.

³ Employees are classified as working either a full-time or a part-time schedule based on the definition used by each establishment. Therefore, a worker with a 35-hour-per-week schedule might be considered a full-time employee in one establishment, but classified as part-time in another firm, where a 40-hour week is the minimum full-time schedule.

⁴ Union workers are those whose wages are determined through collective bargaining.

⁵ Time workers' wages are based solely on an hourly rate or salary; incentive workers are those whose wages are at least partially based on productivity payments such as piece rates, commissions, and production bonuses.

⁶ The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see appendix A.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria. IN THIS SURVEY, THE NONRESPONSE RATE FOR ALL INDUSTRIES AND PRIVATE INDUSTRY EXCEEDED REGULAR SURVEY STANDARDS FOR PUBLICATION. ACCORDINGLY, USERS SHOULD INTERPRET THESE RESULTS WITH THIS LIMITATION IN MIND.

Table 5-2. **Major industry division: Mean hourly earnings¹ by occupational group,² private industry, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, July 1999**

Occupational group	Full-time and part-time workers									
	All private industries	Goods-producing industries ³				Service-producing industries ⁴				
		Total	Mining	Construction	Manufacturing	Total	Transportation and public utilities	Wholesale and retail trade	Finance, insurance, and real estate	Services
		Mean								
All occupations	\$17.21	—	\$26.02	\$19.44	—	—	—	—	—	—
All excluding sales	17.27	—	26.05	19.44	—	—	—	—	—	—
White collar	22.20	—	38.64	25.79	—	—	—	—	—	—
White-collar excluding sales	23.19	—	39.11	26.13	—	—	—	—	—	—
Professional specialty and technical	28.09	—	31.00	—	—	—	—	—	—	—
Professional specialty	30.39	—	34.46	—	—	—	—	—	—	—
Technical	22.06	—	27.42	—	—	—	—	—	—	—
Executive, administrative, and managerial	32.91	—	53.57	31.61	—	—	—	—	—	—
Sales	16.48	—	—	—	—	—	—	—	—	—
Administrative support, including clerical	13.08	—	15.40	—	—	—	—	—	—	—
Blue collar	12.83	—	17.62	18.20	—	—	—	—	—	—
Precision production, craft, and repair	18.97	—	20.17	20.58	—	—	—	—	—	—
Machine operators, assemblers, and inspectors	10.11	—	—	—	—	—	—	—	—	—
Transportation and material moving	12.77	—	—	—	—	—	—	—	—	—
Handlers, equipment cleaners, helpers, and laborers	9.32	—	—	10.45	—	—	—	—	—	—
Service	8.60	—	—	—	—	—	—	—	—	—
		Relative error ⁵ (percent)								
All occupations	3.4	—	10.2	12.4	—	—	—	—	—	—
All excluding sales	3.6	—	10.3	12.5	—	—	—	—	—	—
White collar	3.6	—	10.0	17.6	—	—	—	—	—	—
White-collar excluding sales	3.9	—	10.1	18.2	—	—	—	—	—	—
Professional specialty and technical	3.4	—	7.0	—	—	—	—	—	—	—
Professional specialty	3.4	—	6.3	—	—	—	—	—	—	—
Technical	5.5	—	10.9	—	—	—	—	—	—	—
Executive, administrative, and managerial	6.4	—	9.5	13.4	—	—	—	—	—	—
Sales	9.9	—	—	—	—	—	—	—	—	—
Administrative support, including clerical	2.0	—	8.3	—	—	—	—	—	—	—
Blue collar	4.6	—	5.3	14.1	—	—	—	—	—	—
Precision production, craft, and repair	5.2	—	8.2	10.7	—	—	—	—	—	—
Machine operators, assemblers, and inspectors	5.0	—	—	—	—	—	—	—	—	—
Transportation and material moving	13.1	—	—	—	—	—	—	—	—	—
Handlers, equipment cleaners, helpers, and laborers	4.3	—	—	5.5	—	—	—	—	—	—
Service	3.5	—	—	—	—	—	—	—	—	—

¹ Earnings are the straight-time hourly wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, holidays, nonproduction bonuses, and tips. The mean is computed by totaling the pay of all workers and dividing by the number of workers, weighted by hours.

² A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. See appendix B for more information.

³ Goods-producing industries include mining, construction, and manufacturing.

⁴ Service-producing industries include transportation and public utilities; wholesale and retail trade; finance, insurance, and real estate; and services.

⁵ The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see appendix A.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria. IN THIS SURVEY, THE NONRESPONSE RATE FOR ALL INDUSTRIES AND PRIVATE INDUSTRY EXCEEDED REGULAR SURVEY STANDARDS FOR PUBLICATION. ACCORDINGLY, USERS SHOULD INTERPRET THESE RESULTS WITH THIS LIMITATION IN MIND.

Table 5-3. **Establishment employment size: Mean hourly earnings¹ by occupational group,² private industry, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, July 1999**

Occupational group	Full-time and part-time workers				
	All private industry workers	50 - 99 workers ³	100 workers or more		
			Total	100 - 499 workers	500 workers or more
	Mean				
All occupations	\$17.21	\$15.65	\$17.60	\$15.00	\$20.86
All excluding sales	17.27	15.42	17.71	14.73	21.27
White collar	22.20	22.48	22.14	19.43	24.59
White-collar excluding sales	23.19	24.15	23.02	19.87	25.49
Professional specialty and technical	28.09	27.02	28.25	23.82	30.19
Professional specialty	30.39	32.67	30.14	24.59	32.09
Technical	22.06	—	22.68	22.45	22.86
Executive, administrative, and managerial	32.91	41.66	31.31	30.77	31.71
Sales	16.48	17.42	16.10	17.62	12.14
Administrative support, including clerical	13.08	12.34	13.23	12.84	13.73
Blue collar	12.83	10.97	13.38	11.94	17.13
Precision production, craft, and repair	18.97	15.99	19.87	17.53	23.64
Machine operators, assemblers, and inspectors	10.11	9.07	10.44	9.96	12.18
Transportation and material moving	12.77	8.78	13.40	12.98	14.36
Handlers, equipment cleaners, helpers, and laborers	9.32	8.21	9.66	9.03	11.81
Service	8.60	7.47	8.96	8.35	9.61
	Relative error ⁴ (percent)				
All occupations	3.4	12.0	3.2	4.6	4.1
All excluding sales	3.6	13.5	3.3	4.8	4.2
White collar	3.6	15.6	2.9	5.4	3.1
White-collar excluding sales	3.9	18.5	2.9	5.8	2.9
Professional specialty and technical	3.4	17.9	2.9	6.0	3.0
Professional specialty	3.4	19.0	2.9	7.3	2.7
Technical	5.5	—	6.4	9.4	9.2
Executive, administrative, and managerial	6.4	28.5	3.7	6.8	4.0
Sales	9.9	12.9	13.2	16.1	6.7
Administrative support, including clerical	2.0	3.2	2.2	3.5	2.7
Blue collar	4.6	5.4	5.5	5.2	10.4
Precision production, craft, and repair	5.2	7.2	5.8	5.9	5.8
Machine operators, assemblers, and inspectors	5.0	4.5	6.2	6.4	12.2
Transportation and material moving	13.1	14.0	14.0	19.6	13.9
Handlers, equipment cleaners, helpers, and laborers	4.3	5.8	5.1	4.4	13.4
Service	3.5	4.4	4.3	4.1	7.8

¹ Earnings are the straight-time hourly wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, holidays, nonproduction bonuses, and tips. The mean is computed by totaling the pay of all workers and dividing by the number of workers, weighted by hours.

² A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. See appendix B for more information.

³ Establishments classified with 50-99 workers may contain establishments with fewer than 50 due to staff reductions between survey sampling and collection.

⁴ The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see appendix A.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria. IN THIS SURVEY, THE NONRESPONSE RATE FOR ALL INDUSTRIES AND PRIVATE INDUSTRY EXCEEDED REGULAR SURVEY STANDARDS FOR PUBLICATION. ACCORDINGLY, USERS SHOULD INTERPRET THESE RESULTS WITH THIS LIMITATION IN MIND.

Table 6-1. Hourly wage percentiles for establishment jobs¹, all workers:² Selected occupations, all industries, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, July 1999

Occupation ³	10	25	Median 50	75	90
All	\$6.75	\$9.33	\$14.74	\$24.08	\$33.98
All excluding sales	6.75	9.44	14.89	24.37	34.01
White collar	9.62	12.80	18.63	29.59	38.93
White collar excluding sales	10.57	13.61	19.70	30.38	39.85
Professional specialty and technical	15.00	20.90	27.27	35.21	42.71
Professional specialty	18.52	23.50	30.65	36.47	43.84
Engineers, architects, and surveyors	25.70	27.27	32.36	39.70	48.79
Aerospace engineers	23.57	28.40	36.61	41.45	43.20
Civil engineers	22.59	26.45	26.98	29.89	43.67
Electrical and electronic engineers	22.22	26.39	31.96	37.39	53.37
Industrial engineers	17.11	24.32	27.11	28.96	29.83
Mechanical engineers	25.70	25.70	27.74	35.00	36.79
Engineers, n.e.c.	27.13	30.42	32.88	39.19	43.86
Mathematical and computer scientists	23.15	24.08	29.07	31.23	34.32
Computer systems analysts and scientists	22.60	24.08	27.30	32.47	34.43
Operations and systems researchers and analysts	23.15	24.80	30.36	30.85	32.67
Natural scientists	22.11	25.00	25.51	35.21	37.33
Health related	20.00	21.37	23.61	27.00	34.50
Physicians	14.25	19.05	63.08	65.00	73.20
Registered nurses	20.60	21.51	23.68	26.50	28.67
Pharmacists	20.27	32.18	38.24	38.40	46.05
Respiratory therapists	17.17	19.16	20.30	20.36	21.86
Teachers, college and university	24.11	29.13	36.47	42.53	49.27
Business, commerce, and marketing teachers	25.16	27.24	42.78	45.58	111.66
Education teachers	27.01	28.70	30.32	30.55	120.92
English teachers	30.76	30.76	31.71	42.08	42.08
Other post-secondary teachers	27.44	32.11	36.47	42.53	49.27
Teachers, except college and university	14.97	29.64	33.70	37.00	41.43
Prekindergarten and kindergarten	9.50	12.88	12.88	13.90	17.51
Elementary school teachers	26.15	31.51	35.22	37.00	41.89
Secondary school teachers	31.20	33.18	33.95	35.97	37.44
Teachers, special education	20.04	23.86	33.35	35.58	36.69
Teachers, n.e.c.	13.91	24.79	37.92	42.71	43.84
Substitute teachers	12.14	17.58	18.52	19.50	21.50
Vocational and educational counselors	11.81	20.52	33.09	38.49	38.49
Librarians, archivists, and curators	—	—	—	—	—
Social scientists and urban planners	16.29	33.30	34.91	41.61	43.39
Psychologists	16.29	18.17	41.61	43.39	43.39
Social, recreation, and religious workers	12.99	12.99	19.70	28.60	29.67
Social workers	12.99	16.58	20.14	29.67	29.67
Recreation workers	8.23	11.04	11.04	19.23	22.12
Lawyers and judges	28.96	37.76	47.00	48.10	57.11
Lawyers	28.96	37.76	47.00	48.10	57.11
Writers, authors, entertainers, athletes, and professionals, n.e.c.	12.02	19.38	35.18	46.80	57.70
Designers	14.36	17.70	40.67	43.47	44.37
Editors and reporters	17.58	36.07	48.08	71.17	71.17
Professional, n.e.c.	12.64	17.55	20.82	25.87	30.92
Technical	13.19	15.49	19.96	24.00	29.98
Clinical laboratory technologists and technicians	11.66	11.83	23.71	25.48	25.95
Radiological technicians	17.88	18.21	21.11	21.75	22.94
Licensed practical nurses	12.66	13.67	14.56	16.19	16.55
Health technologists and technicians, n.e.c.	13.19	14.66	15.71	17.61	22.15
Electrical and electronic technicians	15.00	16.00	21.28	23.95	29.98
Engineering technicians, n.e.c.	16.12	16.12	19.51	23.09	27.13
Science technicians, n.e.c.	13.64	14.69	17.09	17.09	17.78
Computer programmers	23.93	25.90	28.50	31.25	31.25
Legal assistants	15.93	15.99	18.27	26.62	26.62
Technical and related, n.e.c.	17.30	19.78	21.85	24.61	38.45
Executive, administrative, and managerial	16.96	20.67	27.95	36.78	48.08
Executives, administrators, and managers	16.92	24.85	32.99	42.93	55.00
Administrators and officials, public administration	29.38	29.38	41.83	45.35	46.88
Financial managers	21.94	26.27	33.41	40.76	48.85
Personnel and labor relations managers	23.22	28.36	32.78	42.02	42.02

See footnotes at end of table.

Table 6-1. **Hourly wage percentiles for establishment jobs¹, all workers:² Selected occupations, all industries, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, July 1999 —**
Continued

Occupation ³	10	25	Median 50	75	90
White collar —Continued					
Executive, administrative, and managerial —Continued					
Executives, administrators, and managers —Continued					
Managers, marketing, advertising, and public relations	\$22.37	\$25.49	\$33.56	\$57.69	\$57.73
Administrators, education and related fields	17.00	24.60	40.15	45.71	52.96
Managers, medicine and health	23.79	27.28	31.85	37.33	40.52
Managers, food servicing and lodging establishments	12.69	13.46	15.29	15.29	31.50
Managers, service organizations, n.e.c.	16.82	16.92	27.25	34.18	45.15
Managers and administrators, n.e.c.	17.89	24.97	33.98	42.93	55.29
Management related	16.96	18.78	23.65	28.01	32.29
Accountants and auditors	16.87	19.23	24.06	26.45	29.43
Other financial officers	15.47	18.24	22.68	29.57	35.62
Management analysts	17.62	18.08	25.47	30.47	32.72
Personnel, training, and labor relations specialists	14.19	14.42	17.67	24.76	26.57
Purchasing agents and buyers, n.e.c.	19.51	20.41	23.23	27.03	27.40
Construction inspectors	17.80	27.09	27.09	27.97	28.16
Inspectors and compliance officers, except construction	18.86	24.07	24.07	25.95	35.91
Management related, n.e.c.	16.84	18.37	21.63	29.81	32.35
Sales	6.47	7.75	12.44	19.85	29.59
Supervisors, sales	14.60	16.14	17.56	27.60	106.00
Sales, other business services	6.00	9.04	13.32	27.61	29.59
Sales representatives, mining, manufacturing, and wholesale	15.35	18.50	20.84	34.62	38.30
Sales workers, motor vehicles and boats	13.56	17.31	21.56	24.90	35.72
Sales workers, apparel	6.36	6.45	6.72	6.72	9.17
Sales workers, furniture and home furnishings	6.01	6.01	7.75	9.21	9.50
Sales workers, parts	13.10	13.15	18.86	22.97	22.97
Sales workers, other commodities	6.57	7.40	8.70	14.43	20.61
Cashiers	5.97	6.94	9.48	12.43	16.30
Sales support, n.e.c.	9.74	12.28	13.25	17.60	18.85
Administrative support, including clerical	8.83	10.77	12.90	15.80	18.62
Supervisors, general office	14.80	16.08	18.14	19.15	22.72
Supervisors, distribution, scheduling, and adjusting clerks	11.50	16.07	20.00	26.14	28.73
Secretaries	11.49	14.15	15.89	18.98	20.83
Typists	12.24	12.24	13.96	14.48	14.89
Interviewers	10.15	10.50	10.50	12.14	13.04
Transportation ticket and reservation agents	10.46	10.46	13.53	15.22	18.63
Receptionists	8.67	9.17	10.58	12.21	13.59
Information clerks, n.e.c.	10.04	11.20	11.27	11.59	14.63
Order clerks	6.85	8.50	11.11	12.80	15.60
Personnel clerks, except payroll and timekeeping	9.40	10.85	12.04	13.54	16.69
Library clerks	12.23	12.23	13.57	14.82	15.78
Records clerks, n.e.c.	9.07	12.15	12.16	14.94	16.58
Bookkeepers, accounting and auditing clerks	10.57	11.80	13.30	15.66	18.14
Payroll and timekeeping clerks	11.00	13.18	13.82	16.83	17.32
Duplicating machine operators	9.91	10.36	11.30	16.29	16.29
Telephone operators	8.66	9.00	10.53	13.35	16.23
Mail clerks, except postal service	6.60	8.61	11.08	11.48	13.51
Dispatchers	14.43	18.70	19.65	19.65	20.05
Production coordinators	8.30	12.90	15.90	20.56	23.29
Traffic, shipping and receiving clerks	7.18	8.50	9.46	11.50	12.12
Stock and inventory clerks	9.62	9.62	10.00	13.23	15.00
Meter readers	12.35	12.50	16.80	17.74	25.70
Material recording, scheduling, and distribution clerks, n.e.c.	7.59	8.17	8.17	10.87	10.87
Insurance adjusters, examiners, and investigators	11.14	11.22	14.01	19.66	26.86
Investigators and adjusters, except insurance	10.88	13.75	15.04	18.62	18.62
Eligibility clerks, social welfare	10.56	13.59	14.36	14.38	14.40

See footnotes at end of table.

Table 6-1. **Hourly wage percentiles for establishment jobs¹, all workers:² Selected occupations, all industries, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, July 1999 — Continued**

Occupation ³	10	25	Median 50	75	90
White collar —Continued					
Administrative support, including clerical —Continued					
Bill and account collectors	\$9.49	\$12.73	\$13.28	\$14.70	\$14.70
General office clerks	8.00	9.98	12.21	14.53	16.28
Bank tellers	8.41	8.76	8.76	9.54	10.15
Data entry keyers	9.15	10.61	13.83	14.20	15.84
Statistical clerks	7.50	9.98	18.44	18.44	18.71
Teachers' aides	8.21	10.20	11.33	12.16	16.68
Administrative support, n.e.c.	8.83	10.60	13.00	15.99	19.23
Blue collar	6.50	7.56	10.88	17.63	24.37
Precision production, craft, and repair	10.00	14.08	19.88	24.37	28.94
Supervisors, mechanics and repairers	18.42	23.00	26.31	29.69	34.76
Automobile mechanics	12.33	15.30	17.40	22.99	28.49
Industrial machinery repairers	12.60	13.83	16.17	21.91	26.30
Machinery maintenance	9.04	10.37	13.00	16.75	23.77
Electronic repairers, communications and industrial equipment	15.99	16.73	21.08	23.15	29.52
Mechanics and repairers, n.e.c.	10.63	14.05	16.94	21.18	25.00
Carpenters	13.00	17.00	19.00	22.23	24.14
Electricians	18.80	23.18	25.58	28.41	29.57
Painters, construction and maintenance	9.00	10.00	10.50	20.28	20.28
Construction trades, n.e.c.	14.28	15.17	18.43	22.19	24.44
Drillers, oil well	12.92	12.92	15.32	21.50	22.89
Supervisors, production	13.52	18.00	22.00	34.93	42.67
Machinists	13.55	17.72	19.20	20.16	24.12
Electrical and electronic equipment assemblers ..	6.72	7.06	10.00	10.71	16.27
Butchers and meat cutters	6.00	6.00	7.53	15.37	15.93
Inspectors, testers, and graders	10.70	12.12	14.73	21.78	24.75
Water and sewer treatment plant operators	17.62	17.62	21.67	22.85	24.97
Machine operators, assemblers, and inspectors	6.38	7.08	8.73	11.97	16.21
Molding and casting machine operators	6.18	6.18	6.18	8.00	9.41
Printing press operators	8.17	9.72	12.00	19.91	27.26
Textile sewing machine operators	6.50	6.63	7.99	8.42	9.50
Mixing and blending machine operators	8.00	8.20	8.90	11.00	13.36
Photographic process machine operators	8.35	8.60	8.66	14.36	16.35
Miscellaneous machine operators, n.e.c.	5.75	7.25	8.08	9.52	14.15
Welders and cutters	8.07	8.07	12.36	24.82	24.82
Assemblers	6.46	7.32	9.66	11.71	12.99
Miscellaneous hand working, n.e.c.	7.07	7.07	7.58	7.70	8.25
Production inspectors, checkers and examiners ..	8.63	8.73	9.38	12.28	13.70
Transportation and material moving	6.83	8.00	11.10	17.08	23.03
Truck drivers	7.20	8.00	11.15	17.02	19.03
Industrial truck and tractor equipment operators ..	6.75	6.75	10.30	11.10	17.08
Miscellaneous material moving equipment operators, n.e.c.	10.16	11.14	11.68	13.67	26.17
Handlers, equipment cleaners, helpers, and laborers	6.00	6.75	8.39	11.25	15.53
Groundskeepers and gardeners, except farm	10.00	11.90	12.15	17.13	18.58
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	12.46	14.22	15.07	16.83	18.50
Helpers, mechanics and repairers	5.91	6.35	9.97	12.71	21.58
Construction laborers	6.25	8.44	8.44	8.54	11.89
Production helpers	6.00	6.47	7.74	8.00	9.55
Stock handlers and baggers	6.00	6.70	9.00	12.08	18.46
Machine feeders and offbearers	6.10	6.19	7.30	13.47	13.47
Freight, stock, and material handlers, n.e.c.	5.75	6.25	7.01	10.46	13.79
Vehicle washers and equipment cleaners	6.50	7.00	7.56	8.62	10.52
Hand packers and packagers	6.03	6.50	6.94	9.07	9.33
Laborers, except construction, n.e.c.	7.00	8.26	9.48	14.18	17.57
Service	5.84	6.42	8.14	13.60	24.62
Protective service	6.12	7.61	20.32	25.94	32.78

See footnotes at end of table.

Table 6-1. **Hourly wage percentiles for establishment jobs¹, all workers:² Selected occupations, all industries, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, July 1999 — Continued**

Occupation ³	10	25	Median 50	75	90
Service —Continued					
Protective service —Continued					
Police and detectives, public service	\$20.53	\$22.72	\$26.57	\$27.00	\$31.69
Sheriffs, bailiffs, and other law enforcement officers	17.22	23.08	24.62	24.62	24.62
Guards and police, except public service	6.12	6.81	7.61	7.67	11.23
Food service	5.75	5.84	7.00	9.40	12.07
Waiters, waitresses, and bartenders	5.75	5.75	5.75	6.23	7.22
Bartenders	5.75	5.75	8.43	8.55	9.16
Waiters and waitresses	5.75	5.75	5.75	5.83	6.29
Waiters/Waitresses' assistants	5.75	5.75	5.80	6.23	7.22
Other food service	5.84	6.49	8.05	10.46	13.60
Supervisors, food preparation and service	10.72	15.00	16.25	18.20	18.55
Cooks	6.31	8.25	10.30	11.75	13.60
Food counter, fountain, and related	5.75	5.84	6.06	7.33	9.13
Kitchen workers, food preparation	6.49	6.94	7.47	9.96	10.95
Food preparation, n.e.c.	5.75	6.04	7.25	8.05	10.10
Health service	6.47	7.02	8.64	11.35	13.75
Health aides, except nursing	10.43	10.49	13.24	13.93	14.15
Nursing aides, orderlies and attendants	6.47	7.00	7.78	9.46	12.81
Cleaning and building service	5.75	6.28	7.07	10.44	13.69
Supervisors, cleaning and building service workers	6.10	8.33	12.45	13.69	20.78
Maids and housemen	5.75	6.28	6.98	8.93	10.38
Janitors and cleaners	5.75	6.25	7.03	10.16	13.82
Personal service	6.00	6.25	8.69	11.01	17.40
Attendants, amusement, and recreation facilities	5.75	5.75	6.49	8.94	10.31
Public transportation attendants	13.26	14.04	17.40	34.76	42.36
Early childhood teachers' assistants	8.68	9.00	9.36	9.36	12.20
Child care workers, n.e.c.	6.50	7.10	10.66	11.01	14.81
Service, n.e.c.	6.00	6.00	6.50	7.51	14.00

¹ Percentiles are calculated from average hourly wages for sampled establishment jobs within each occupation. The percentiles describe the distribution of an occupation's employment by the average wage rates for its jobs. For example, at the 10th percentile hourly wage for an occupation, one-tenth of the occupation's employment are found in sampled establishment jobs whose average wages are the same or less, and nine-tenths are in jobs averaging the same or more. The calculations of the 25th, 50th, 75th, and 90th percentiles follow the same logic. Hourly wages are the straight-time wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, holidays, nonproduction bonuses, and tips.

² All workers include full-time and part-time workers.

³ A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. See appendix B for more information.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria, and n.e.c. means not elsewhere classified. Overall occupational groups may include data for categories not shown separately. IN THIS SURVEY, THE NONRESPONSE RATE FOR ALL INDUSTRIES AND PRIVATE INDUSTRY EXCEEDED REGULAR SURVEY STANDARDS FOR PUBLICATION. ACCORDINGLY, USERS SHOULD INTERPRET THESE RESULTS WITH THIS LIMITATION IN MIND.

Table 6-2. Hourly wage percentiles for establishment jobs¹, all workers:² Selected occupations, private industry, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, July 1999

Occupation ³	Private industry				
	10	25	Median 50	75	90
All	\$6.50	\$8.43	\$13.24	\$22.00	\$32.31
All excluding sales	6.50	8.44	13.28	22.22	32.32
White collar	9.00	12.04	18.12	27.71	38.74
White collar excluding sales	10.00	12.88	19.29	29.16	39.70
Professional specialty and technical	14.66	20.36	25.75	33.10	43.11
Professional specialty	17.11	22.94	28.18	35.21	46.98
Engineers, architects, and surveyors	25.70	27.27	32.55	39.85	49.27
Aerospace engineers	23.57	28.40	36.61	41.45	43.20
Electrical and electronic engineers	22.22	26.39	31.48	37.39	53.37
Mechanical engineers	25.70	25.70	27.74	35.00	36.79
Engineers, n.e.c.	27.13	30.42	32.88	39.19	43.86
Mathematical and computer scientists	23.29	26.00	29.73	32.47	34.32
Computer systems analysts and scientists	23.29	26.13	29.73	32.70	34.43
Operations and systems researchers and analysts	23.15	24.80	30.36	30.85	32.67
Natural scientists	23.18	25.00	33.33	35.21	37.33
Health related	20.00	21.44	24.29	27.23	34.99
Registered nurses	20.59	21.51	24.29	26.67	29.00
Pharmacists	20.27	32.18	38.24	38.40	46.05
Respiratory therapists	17.17	19.16	20.30	20.36	21.86
Teachers, college and university	21.43	27.24	30.32	42.36	57.18
Business, commerce, and marketing teachers	25.16	27.24	42.97	45.58	111.66
Education teachers	27.01	28.70	30.32	30.55	120.92
Other post-secondary teachers	16.54	28.11	32.11	57.18	57.18
Teachers, except college and university	10.00	12.88	14.43	18.52	26.94
Elementary school teachers	13.83	14.43	15.00	15.00	16.53
Secondary school teachers	20.05	20.05	22.93	27.49	28.91
Teachers, n.e.c.	10.00	13.91	15.19	24.79	27.90
Librarians, archivists, and curators	—	—	—	—	—
Social scientists and urban planners	—	—	—	—	—
Social, recreation, and religious workers	11.04	15.25	18.70	28.60	40.16
Lawyers and judges	—	—	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.	12.02	20.00	35.90	48.08	57.70
Designers	14.36	17.70	40.67	43.47	44.37
Editors and reporters	17.58	36.07	48.08	71.17	71.17
Professional, n.e.c.	12.64	20.82	25.38	27.71	30.92
Technical	13.19	15.00	20.48	24.00	31.05
Clinical laboratory technologists and technicians	11.66	11.83	23.71	25.48	25.95
Radiological technicians	17.88	18.21	21.11	21.75	22.94
Licensed practical nurses	12.66	13.67	14.56	15.52	16.55
Health technologists and technicians, n.e.c.	12.13	13.67	16.01	17.74	18.70
Electrical and electronic technicians	15.00	15.50	20.73	23.91	29.98
Engineering technicians, n.e.c.	16.12	16.12	19.51	22.63	41.30
Legal assistants	15.93	15.99	18.27	26.62	26.62
Technical and related, n.e.c.	16.17	19.78	24.02	32.65	42.00
Executive, administrative, and managerial	16.96	21.63	28.85	36.98	50.00
Executives, administrators, and managers	17.00	24.97	32.77	42.93	56.30
Financial managers	21.94	25.53	30.47	40.60	49.03
Personnel and labor relations managers	20.36	23.22	30.20	32.78	33.21
Managers, marketing, advertising, and public relations	22.37	28.88	33.56	57.69	57.73
Administrators, education and related fields	12.76	17.00	19.99	27.09	36.64
Managers, medicine and health	23.79	27.33	33.60	37.33	40.52
Managers, service organizations, n.e.c.	16.82	16.92	27.25	34.18	45.15
Managers and administrators, n.e.c.	18.75	26.16	34.52	43.89	56.30
Management related	16.87	18.51	24.06	29.57	33.19
Accountants and auditors	16.74	20.05	24.06	26.44	30.00
Other financial officers	15.47	18.24	22.68	29.57	35.62
Management analysts	17.62	18.08	25.66	30.47	32.72
Personnel, training, and labor relations specialists	14.42	14.42	23.52	26.25	26.57
Purchasing agents and buyers, n.e.c.	19.51	20.41	23.23	27.03	27.40
Management related, n.e.c.	16.84	18.32	23.65	29.98	32.35

See footnotes at end of table.

Table 6-2. **Hourly wage percentiles for establishment jobs¹, all workers:² Selected occupations, private industry, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, July 1999 —**
Continued

Occupation ³	Private industry				
	10	25	Median 50	75	90
White collar —Continued					
Sales	\$6.47	\$7.75	\$12.53	\$19.85	\$29.59
Supervisors, sales	14.60	16.14	17.56	27.60	106.00
Sales, other business services	6.00	9.04	13.32	27.61	29.59
Sales representatives, mining, manufacturing, and wholesale	15.35	18.50	20.84	34.62	38.30
Sales workers, motor vehicles and boats	13.56	17.31	21.56	24.90	35.72
Sales workers, apparel	6.36	6.45	6.72	6.72	9.17
Sales workers, furniture and home furnishings	6.01	6.01	7.75	9.21	9.50
Sales workers, parts	13.10	13.15	18.86	22.97	22.97
Sales workers, other commodities	6.57	7.40	8.70	14.43	20.61
Cashiers	5.97	6.94	9.30	12.43	16.30
Sales support, n.e.c.	9.74	12.28	13.25	17.60	18.85
Administrative support, including clerical	8.50	10.36	12.32	15.44	18.44
Supervisors, general office	14.80	16.08	17.31	20.07	22.72
Secretaries	11.49	13.75	15.50	17.98	21.92
Transportation ticket and reservation agents	10.46	10.46	13.53	15.22	18.63
Receptionists	8.67	9.17	10.58	12.21	13.30
Information clerks, n.e.c.	10.04	11.20	11.27	11.27	14.63
Order clerks	6.85	8.44	11.11	12.80	15.60
Personnel clerks, except payroll and timekeeping	9.40	10.85	12.04	13.54	16.69
Library clerks	8.79	8.79	16.05	16.05	16.05
Records clerks, n.e.c.	8.34	10.43	12.95	15.24	21.33
Bookkeepers, accounting and auditing clerks	10.50	11.54	12.65	15.25	18.14
Payroll and timekeeping clerks	11.00	12.53	13.18	16.83	17.32
Duplicating machine operators	8.83	10.36	10.96	11.30	12.32
Telephone operators	8.66	9.00	10.00	10.53	10.53
Mail clerks, except postal service	6.60	9.79	11.08	11.48	13.51
Production coordinators	8.30	12.90	15.90	20.56	23.29
Traffic, shipping and receiving clerks	7.18	8.50	9.46	11.50	12.12
Stock and inventory clerks	9.62	9.62	10.00	11.71	14.00
Material recording, scheduling, and distribution clerks, n.e.c.	7.59	8.17	8.17	10.87	10.87
Insurance adjusters, examiners, and investigators	11.14	11.22	14.01	19.66	26.86
Investigators and adjusters, except insurance	10.88	13.75	15.04	18.62	18.62
Bill and account collectors	9.49	12.73	13.28	14.70	14.70
General office clerks	7.36	9.00	10.69	12.56	16.48
Bank tellers	8.41	8.76	8.76	9.54	10.15
Data entry keyers	8.83	10.00	12.00	14.20	16.31
Statistical clerks	7.50	9.98	18.44	18.44	18.71
Teachers' aides	7.50	7.71	9.58	18.35	18.35
Administrative support, n.e.c.	8.83	10.60	12.00	15.44	18.32
Blue collar	6.48	7.43	10.35	16.77	23.55
Precision production, craft, and repair	9.04	13.48	18.71	23.77	28.41
Supervisors, mechanics and repairers	18.42	23.00	26.31	29.69	29.90
Automobile mechanics	12.33	15.30	17.40	20.33	28.49
Industrial machinery repairers	12.60	13.83	16.17	16.17	21.91
Machinery maintenance	9.04	10.37	13.00	16.75	23.77
Electronic repairers, communications and industrial equipment	15.99	15.99	16.73	21.08	29.52
Mechanics and repairers, n.e.c.	10.63	12.86	16.94	21.18	24.83
Carpenters	13.00	15.23	18.71	22.22	22.23
Painters, construction and maintenance	9.00	9.00	10.12	13.85	16.03
Drillers, oil well	12.92	12.92	15.32	21.50	22.89
Supervisors, production	13.52	18.00	20.91	33.31	42.67
Machinists	13.55	17.72	19.20	20.16	24.12
Electrical and electronic equipment assemblers ..	6.72	7.06	10.00	10.71	16.27
Butchers and meat cutters	6.00	6.00	7.53	15.37	15.93
Inspectors, testers, and graders	10.70	12.12	14.73	20.55	24.75
Machine operators, assemblers, and inspectors	6.37	7.08	8.63	11.84	15.43

See footnotes at end of table.

Table 6-2. **Hourly wage percentiles for establishment jobs¹, all workers:² Selected occupations, private industry, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, July 1999 —**
Continued

Occupation ³	Private industry				
	10	25	Median 50	75	90
Blue collar —Continued					
Machine operators, assemblers, and inspectors					
—Continued					
Molding and casting machine operators	\$6.18	\$6.18	\$6.18	\$8.00	\$9.41
Printing press operators	8.17	9.72	12.00	19.91	27.26
Textile sewing machine operators	6.50	6.63	7.99	8.42	9.50
Mixing and blending machine operators	8.00	8.20	8.90	11.00	13.36
Photographic process machine operators	8.35	8.60	8.66	14.36	16.35
Miscellaneous machine operators, n.e.c.	5.75	6.83	8.08	9.52	14.15
Welders and cutters	8.07	8.07	12.36	18.26	24.82
Assemblers	6.46	7.32	9.66	11.71	12.99
Miscellaneous hand working, n.e.c.	7.07	7.07	7.58	7.70	8.25
Production inspectors, checkers and examiners ..	8.63	8.73	9.38	12.28	13.70
Transportation and material moving					
Truck drivers	6.75	7.53	10.33	17.02	22.65
Industrial truck and tractor equipment operators ..	7.20	7.89	10.33	16.01	19.03
Miscellaneous material moving equipment operators, n.e.c.	6.75	6.75	10.30	11.10	17.08
.....	10.16	10.16	11.14	12.98	13.67
Handlers, equipment cleaners, helpers, and laborers					
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	6.00	6.70	8.00	10.78	14.32
Construction laborers	12.46	14.22	15.07	16.83	18.50
Production helpers	6.25	8.44	8.44	8.54	11.89
Stock handlers and baggers	6.00	6.47	7.74	8.00	9.55
Machine feeders and offbearers	6.00	6.70	9.00	12.08	18.46
Freight, stock, and material handlers, n.e.c.	6.10	6.19	7.30	13.47	13.47
Vehicle washers and equipment cleaners	5.75	6.25	7.01	10.46	13.79
Hand packers and packagers	6.50	7.00	7.56	8.62	10.52
Laborers, except construction, n.e.c.	6.03	6.50	6.94	9.07	9.33
.....	6.99	7.42	9.16	11.93	17.57
Service					
Protective service	5.75	6.25	7.42	9.46	13.24
Guards and police, except public service	6.12	6.81	7.61	7.67	11.23
Food service	6.12	6.12	7.61	7.67	9.75
Waiters, waitresses, and bartenders	5.75	5.84	6.78	8.43	11.51
Bartenders	5.75	5.75	5.75	6.23	7.22
Waiters and waitresses	5.75	5.75	8.43	8.55	9.16
Waiters'/Waitresses' assistants	5.75	5.75	5.75	5.83	6.29
Other food service	5.75	5.75	5.80	6.23	7.22
Supervisors, food preparation and service	5.84	6.31	7.47	9.96	12.60
Cooks	7.63	15.00	16.25	18.20	18.55
Food counter, fountain, and related	6.31	8.25	10.18	11.75	13.60
Kitchen workers, food preparation	5.75	5.84	6.06	7.33	9.13
Food preparation, n.e.c.	6.49	6.94	7.38	9.96	9.96
Health service	5.75	6.00	6.71	8.05	8.21
Health aides, except nursing	6.47	7.02	7.84	10.23	13.26
Nursing aides, orderlies and attendants	10.12	10.45	12.10	14.15	14.86
.....	6.47	6.93	7.78	9.29	12.81

See footnotes at end of table.

Table 6-2. **Hourly wage percentiles for establishment jobs¹, all workers:² Selected occupations, private industry, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, July 1999 — Continued**

Occupation ³	Private industry				
	10	25	Median 50	75	90
Service –Continued					
Cleaning and building service	\$5.75	\$6.25	\$6.98	\$9.53	\$12.02
Supervisors, cleaning and building service workers	6.10	8.33	11.60	13.00	13.69
Maids and housemen	5.75	6.28	6.98	8.93	10.38
Janitors and cleaners	5.75	6.25	6.42	9.35	11.00
Personal service	6.00	6.25	7.99	11.01	17.40
Attendants, amusement, and recreation facilities	5.75	5.75	6.49	8.94	10.31
Public transportation attendants	13.26	14.04	17.40	34.76	42.36
Child care workers, n.e.c.	6.50	6.50	11.01	11.01	14.81
Service, n.e.c.	6.00	6.00	6.25	7.51	9.12

¹ Percentiles are calculated from average hourly wages for sampled establishment jobs within each occupation. The percentiles describe the distribution of an occupation's employment by the average wage rates for its jobs. For example, at the 10th percentile hourly wage for an occupation, one-tenth of the occupation's employment are found in sampled establishment jobs whose average wages are the same or less, and nine-tenths are in jobs averaging the same or more. The calculations of the 25th, 50th, 75th, and 90th percentiles follow the same logic. Hourly wages are the straight-time wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, holidays, nonproduction bonuses, and tips.

² All workers include full-time and part-time workers.

³ A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. See appendix B for more information.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria, and n.e.c. means not elsewhere classified. Overall occupational groups may include data for categories not shown separately. IN THIS SURVEY, THE NONRESPONSE RATE FOR ALL INDUSTRIES AND PRIVATE INDUSTRY EXCEEDED REGULAR SURVEY STANDARDS FOR PUBLICATION. ACCORDINGLY, USERS SHOULD INTERPRET THESE RESULTS WITH THIS LIMITATION IN MIND.

Table 6-3. Hourly wage percentiles for establishment jobs¹, all workers:² Selected occupations, State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, July 1999

Occupation ³	State and local government				
	10	25	Median 50	75	90
All	\$12.15	\$14.40	\$21.43	\$31.17	\$37.92
All excluding sales	12.15	14.40	21.44	31.17	37.92
White collar	12.22	14.38	20.52	33.66	40.00
White collar excluding sales	12.23	14.38	20.52	33.66	40.00
Professional specialty and technical	17.25	23.47	32.33	36.47	42.53
Professional specialty	20.14	25.51	33.47	37.44	42.71
Engineers, architects, and surveyors	25.62	26.98	26.98	36.00	36.00
Civil engineers	25.62	26.98	26.98	29.89	29.89
Mathematical and computer scientists	22.60	24.08	24.08	24.08	36.41
Computer systems analysts and scientists	22.60	24.08	24.08	24.08	36.41
Natural scientists	22.11	22.11	25.51	25.51	32.97
Health related	19.05	21.37	23.47	25.08	30.19
Registered nurses	21.37	22.87	23.47	25.08	26.40
Teachers, college and university	25.18	32.28	36.59	42.53	49.07
Other post-secondary teachers	27.44	32.62	36.59	42.53	49.07
Teachers, except college and university	26.64	32.33	35.22	37.92	42.71
Elementary school teachers	29.83	33.02	35.22	38.74	44.66
Secondary school teachers	32.30	33.18	33.95	35.98	40.77
Teachers, n.e.c.	32.50	37.92	42.71	42.71	43.84
Substitute teachers	12.14	17.58	18.52	19.50	21.50
Vocational and educational counselors	20.52	20.52	37.53	38.49	38.49
Librarians, archivists, and curators	—	—	—	—	—
Social scientists and urban planners	16.29	18.17	41.61	43.39	43.39
Social, recreation, and religious workers	12.99	12.99	20.14	29.67	29.67
Social workers	12.99	12.99	20.14	29.67	29.67
Lawyers and judges	—	—	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.	—	—	—	—	—
Technical	13.64	15.49	17.30	22.15	25.85
Science technicians, n.e.c.	13.64	14.69	17.09	17.09	17.78
Technical and related, n.e.c.	17.30	19.12	20.19	21.85	24.56
Executive, administrative, and managerial	15.29	17.89	24.17	34.50	45.46
Executives, administrators, and managers	15.29	17.89	34.50	42.28	46.88
Administrators and officials, public administration	29.38	29.38	41.83	45.35	46.88
Administrators, education and related fields	38.89	44.90	45.71	51.00	54.12
Managers and administrators, n.e.c.	17.89	17.89	29.95	34.50	42.28
Management related	17.67	18.80	21.60	26.45	26.88
Construction inspectors	17.80	27.09	27.09	28.16	28.16
Management related, n.e.c.	18.85	21.60	21.60	21.60	21.60
Sales	—	—	—	—	—
Administrative support, including clerical	11.24	12.24	14.16	16.29	19.17
Supervisors, general office	15.23	17.69	18.14	18.37	19.04
Secretaries	14.15	14.37	17.30	19.17	19.17
Library clerks	12.23	12.23	13.57	14.82	15.78
Records clerks, n.e.c.	12.15	12.15	12.15	13.30	15.15
Bookkeepers, accounting and auditing clerks	12.84	14.26	16.22	17.38	19.97
Eligibility clerks, social welfare	14.36	14.36	14.36	14.40	14.40
General office clerks	11.72	11.95	12.73	15.53	15.94
Teachers' aides	9.30	10.72	11.42	12.16	16.68
Administrative support, n.e.c.	12.38	13.51	16.38	20.17	20.69
Blue collar	14.28	15.86	20.70	25.70	29.67
Precision production, craft, and repair	16.60	20.28	22.99	28.92	29.67
Construction trades, n.e.c.	14.28	15.17	15.85	16.60	22.19
Water and sewer treatment plant operators	17.62	17.62	21.67	22.85	24.97
Machine operators, assemblers, and inspectors	—	—	—	—	—
Transportation and material moving	12.84	15.34	18.54	21.98	26.17

See footnotes at end of table.

Table 6-3. **Hourly wage percentiles for establishment jobs¹, all workers:² Selected occupations, State and local government, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, July 1999 — Continued**

Occupation ³	State and local government				
	10	25	Median 50	75	90
Blue collar –Continued					
Handlers, equipment cleaners, helpers, and laborers	\$12.22	\$14.18	\$14.51	\$17.13	\$21.58
Laborers, except construction, n.e.c.	14.18	14.51	14.51	16.72	22.85
Service	10.57	13.84	22.72	26.71	32.78
Protective service	18.37	22.56	24.62	29.80	35.59
Police and detectives, public service	20.53	22.72	26.57	27.00	31.69
Sheriffs, bailiffs, and other law enforcement officers	17.22	23.08	24.62	24.62	24.62
Food service	8.86	10.11	11.47	12.07	17.16
Other food service	8.86	10.11	11.47	12.07	17.16
Food preparation, n.e.c.	8.67	8.90	10.91	11.88	11.88
Health service	9.39	11.45	12.66	13.45	13.93
Cleaning and building service	9.94	12.14	13.23	14.04	15.62
Janitors and cleaners	9.94	11.75	13.06	13.84	14.06
Personal service	7.53	8.68	10.60	10.94	14.25
Early childhood teachers' assistants	7.94	8.68	9.59	12.20	13.61
Child care workers, n.e.c.	8.27	8.94	10.66	10.94	10.94

¹ Percentiles are calculated from average hourly wages for sampled establishment jobs within each occupation. The percentiles describe the distribution of an occupation's employment by the average wage rates for its jobs. For example, at the 10th percentile hourly wage for an occupation, one-tenth of the occupation's employment are found in sampled establishment jobs whose average wages are the same or less, and nine-tenths are in jobs averaging the same or more. The calculations of the 25th, 50th, 75th, and 90th percentiles follow the same logic. Hourly wages are the straight-time wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, holidays, nonproduction bonuses, and tips.

² All workers include full-time and part-time workers.

³ A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. See appendix B for more information.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria, and n.e.c. means not elsewhere classified. Overall occupational groups may include data for categories not shown separately. IN THIS SURVEY, THE NONRESPONSE RATE FOR ALL INDUSTRIES AND PRIVATE INDUSTRY EXCEEDED REGULAR SURVEY STANDARDS FOR PUBLICATION. ACCORDINGLY, USERS SHOULD INTERPRET THESE RESULTS WITH THIS LIMITATION IN MIND.

Table 6-4. **Hourly wage percentiles for establishment jobs¹, full-time workers:² Selected occupations, all industries, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, July 1999**

Occupation ³	10	25	Median 50	75	90
All	\$7.03	\$10.06	\$15.50	\$24.83	\$34.76
All excluding sales	7.03	10.04	15.53	24.97	34.76
White collar	10.66	13.75	19.85	30.10	40.00
White collar excluding sales	11.03	14.02	20.41	30.98	40.17
Professional specialty and technical	15.49	21.37	27.55	35.22	42.71
Professional specialty	19.30	24.08	31.07	36.59	43.94
Engineers, architects, and surveyors	25.70	27.27	32.36	39.70	48.79
Aerospace engineers	23.57	28.40	36.61	41.45	43.20
Civil engineers	22.59	26.45	26.98	29.89	43.67
Electrical and electronic engineers	22.22	26.39	31.96	37.39	53.37
Industrial engineers	17.11	24.32	27.11	28.96	29.83
Mechanical engineers	25.70	25.70	27.74	35.00	36.79
Engineers, n.e.c.	27.13	30.42	32.88	39.19	43.86
Mathematical and computer scientists	23.15	24.08	29.07	31.23	34.32
Computer systems analysts and scientists	22.60	24.08	27.30	32.47	34.43
Operations and systems researchers and analysts	23.15	24.80	30.36	30.85	32.67
Natural scientists	22.11	25.00	25.51	35.21	37.33
Health related	19.81	21.37	23.68	26.80	34.50
Physicians	14.25	19.05	63.08	65.00	73.20
Registered nurses	20.60	21.63	23.68	26.50	28.67
Teachers, college and university	24.11	30.55	35.64	49.07	50.95
Business, commerce, and marketing teachers	25.16	27.24	42.97	45.58	111.66
Other post-secondary teachers	31.27	33.09	36.59	49.07	49.87
Teachers, except college and university	15.00	29.83	33.95	37.00	41.89
Elementary school teachers	26.15	31.51	35.22	37.00	44.66
Secondary school teachers	31.20	33.18	33.95	35.97	37.44
Teachers, special education	20.04	23.86	33.35	35.58	36.69
Teachers, n.e.c.	13.91	24.79	42.71	42.71	43.84
Vocational and educational counselors	11.81	20.52	33.09	38.49	38.49
Librarians, archivists, and curators	—	—	—	—	—
Social scientists and urban planners	16.29	33.30	34.91	41.61	43.39
Social, recreation, and religious workers	12.99	15.25	20.14	28.60	29.67
Social workers	12.99	16.58	20.14	29.67	29.67
Lawyers and judges	28.96	37.76	47.00	48.10	57.11
Lawyers	28.96	37.76	47.00	48.10	57.11
Writers, authors, entertainers, athletes, and professionals, n.e.c.	16.82	23.46	36.07	48.08	57.70
Designers	14.36	17.70	40.67	43.47	44.37
Editors and reporters	18.45	36.07	48.08	71.17	71.17
Professional, n.e.c.	12.64	17.55	20.82	25.87	30.92
Technical	13.61	15.49	20.26	24.00	29.98
Clinical laboratory technologists and technicians	11.66	11.83	23.71	25.48	25.95
Radiological technicians	17.88	18.21	21.11	21.75	22.94
Licensed practical nurses	12.66	13.67	14.66	15.52	16.55
Health technologists and technicians, n.e.c.	13.19	14.66	15.79	17.74	22.15
Electrical and electronic technicians	15.00	15.50	21.28	23.95	29.98
Engineering technicians, n.e.c.	16.12	18.20	22.05	23.09	41.30
Computer programmers	23.93	25.90	28.50	31.25	31.25
Legal assistants	15.93	15.99	18.27	26.62	26.62
Technical and related, n.e.c.	17.30	19.78	21.85	24.61	38.45
Executive, administrative, and managerial	17.00	20.67	27.88	36.23	48.08
Executives, administrators, and managers	17.00	24.85	32.78	42.68	55.29
Administrators and officials, public administration	29.38	41.83	41.83	46.88	46.88
Financial managers	21.94	26.27	33.41	40.76	48.85
Personnel and labor relations managers	23.22	28.36	32.78	42.02	42.02
Managers, marketing, advertising, and public relations	22.37	25.49	33.56	57.69	57.73
Administrators, education and related fields	17.00	24.60	40.15	45.71	52.96
Managers, medicine and health	23.79	27.28	31.85	37.33	40.52
Managers, food servicing and lodging establishments	12.69	13.46	15.29	15.29	31.50
Managers, service organizations, n.e.c.	16.82	16.92	27.25	30.98	45.15
Managers and administrators, n.e.c.	17.89	24.97	33.98	42.93	55.29
Management related	16.96	18.78	23.65	28.01	32.29
Accountants and auditors	16.87	19.23	24.06	26.45	29.43

See footnotes at end of table.

Table 6-4. **Hourly wage percentiles for establishment jobs¹, full-time workers:² Selected occupations, all industries, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, July 1999 —**
Continued

Occupation ³	10	25	Median 50	75	90
White collar —Continued					
Executive, administrative, and managerial —Continued					
Management related —Continued					
Other financial officers	\$15.47	\$18.24	\$22.68	\$29.57	\$35.62
Management analysts	17.62	18.08	25.47	30.47	32.72
Personnel, training, and labor relations specialists	14.19	14.42	17.67	24.76	26.57
Purchasing agents and buyers, n.e.c.	19.51	20.41	23.23	27.03	27.40
Construction inspectors	17.80	27.09	27.09	27.97	28.16
Inspectors and compliance officers, except construction	18.86	24.07	24.07	25.95	35.91
Management related, n.e.c.	16.84	18.37	21.63	29.81	32.35
Sales	7.67	10.34	15.18	22.36	35.72
Supervisors, sales	14.60	16.14	17.56	27.60	106.00
Sales, other business services	9.04	10.34	17.71	27.61	29.59
Sales representatives, mining, manufacturing, and wholesale	15.35	20.82	20.84	34.62	38.30
Sales workers, motor vehicles and boats	13.56	17.31	21.56	24.90	35.72
Sales workers, parts	13.10	13.15	18.86	22.97	22.97
Sales workers, other commodities	7.40	8.24	11.33	15.03	24.85
Cashiers	5.85	6.94	10.06	12.23	16.30
Sales support, n.e.c.	11.30	12.38	13.25	17.60	18.85
Administrative support, including clerical	9.30	11.06	13.44	15.99	18.83
Supervisors, general office	14.80	16.08	18.14	19.15	22.72
Supervisors, distribution, scheduling, and adjusting clerks	11.50	16.07	20.00	26.14	28.73
Secretaries	11.50	14.19	16.40	19.17	20.96
Typists	12.24	12.24	13.96	14.48	14.89
Interviewers	10.15	10.50	10.50	12.14	13.04
Transportation ticket and reservation agents	10.46	10.87	13.77	15.22	18.63
Receptionists	8.67	9.17	11.00	12.21	13.59
Order clerks	6.85	8.44	12.54	13.06	15.60
Personnel clerks, except payroll and timekeeping	9.40	10.85	12.04	13.54	16.69
Library clerks	12.23	12.23	13.57	14.82	15.78
Records clerks, n.e.c.	9.07	12.15	12.15	14.74	16.58
Bookkeepers, accounting and auditing clerks	10.75	12.16	13.50	15.80	18.14
Payroll and timekeeping clerks	11.00	13.18	13.82	16.83	17.32
Telephone operators	8.66	9.00	10.53	13.35	16.23
Mail clerks, except postal service	6.60	8.61	11.08	11.48	13.51
Dispatchers	16.24	18.70	19.65	19.65	22.10
Production coordinators	8.30	12.90	15.90	20.56	23.29
Traffic, shipping and receiving clerks	7.18	8.50	9.92	11.50	12.12
Stock and inventory clerks	9.62	9.62	10.00	13.23	15.00
Meter readers	12.50	16.66	16.80	25.70	25.70
Insurance adjusters, examiners, and investigators	11.14	11.22	14.01	19.66	26.86
Investigators and adjusters, except insurance	11.19	13.75	15.04	18.62	18.62
Eligibility clerks, social welfare	10.56	13.59	14.36	14.38	14.40
Bill and account collectors	12.73	12.73	13.28	14.70	14.70
General office clerks	8.70	10.84	12.27	14.96	16.48
Data entry keyers	9.15	12.00	13.89	14.20	15.84
Teachers' aides	7.71	10.72	11.98	11.98	16.99
Administrative support, n.e.c.	10.54	11.06	13.34	16.00	19.25
Blue collar	6.56	7.77	11.28	18.42	24.38
Precision production, craft, and repair	10.00	14.21	19.92	24.37	28.94
Supervisors, mechanics and repairers	18.42	23.00	26.31	29.69	34.76
Automobile mechanics	12.33	15.30	17.40	22.99	28.49
Industrial machinery repairers	12.60	13.83	16.17	21.91	26.30
Machinery maintenance	9.04	10.37	13.00	16.75	23.77
Electronic repairers, communications and industrial equipment	15.99	16.73	21.08	23.15	29.52
Mechanics and repairers, n.e.c.	10.63	14.05	16.94	21.18	25.00
Carpenters	13.00	17.00	19.00	22.23	24.14

See footnotes at end of table.

Table 6-4. Hourly wage percentiles for establishment jobs¹, full-time workers:² Selected occupations, all industries, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, July 1999 — Continued

Occupation ³	10	25	Median 50	75	90
Blue collar –Continued					
Precision production, craft, and repair –Continued					
Electricians	\$18.80	\$23.18	\$25.58	\$28.41	\$29.57
Painters, construction and maintenance	9.00	10.00	10.50	20.28	20.28
Construction trades, n.e.c.	14.28	15.17	18.43	22.19	24.44
Drillers, oil well	12.92	12.92	15.32	21.50	22.89
Supervisors, production	13.52	18.00	22.00	34.93	42.67
Machinists	13.55	17.72	19.20	20.16	24.12
Electrical and electronic equipment assemblers ..	6.72	7.06	10.00	10.71	16.27
Inspectors, testers, and graders	10.70	12.12	14.73	21.78	24.75
Water and sewer treatment plant operators	17.62	17.62	21.67	22.85	24.97
Machine operators, assemblers, and inspectors	6.38	7.08	8.73	11.97	16.21
Molding and casting machine operators	6.18	6.18	6.18	8.00	9.41
Printing press operators	8.17	9.72	12.00	19.91	27.26
Textile sewing machine operators	6.50	6.63	7.99	8.42	9.50
Mixing and blending machine operators	8.00	8.20	8.90	11.00	13.36
Photographic process machine operators	8.35	8.60	8.66	14.36	16.35
Miscellaneous machine operators, n.e.c.	5.75	7.25	8.08	9.52	14.15
Welders and cutters	8.07	8.07	12.36	24.82	24.82
Assemblers	6.46	7.32	9.66	11.71	12.99
Miscellaneous hand working, n.e.c.	7.07	7.07	7.58	7.70	8.25
Production inspectors, checkers and examiners ..	8.63	8.73	9.38	12.28	13.70
Transportation and material moving	6.83	8.00	11.15	18.54	27.83
Truck drivers	7.20	8.00	11.15	17.02	19.03
Industrial truck and tractor equipment operators ..	6.75	6.75	10.30	11.10	18.07
Handlers, equipment cleaners, helpers, and laborers	6.00	6.75	8.53	11.90	16.72
Groundskeepers and gardeners, except farm	10.00	11.90	12.15	17.13	18.58
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	12.46	14.22	15.07	16.83	18.50
Helpers, mechanics and repairers	5.91	6.35	9.97	12.71	21.58
Construction laborers	6.25	8.44	8.44	8.54	11.89
Production helpers	6.00	6.47	7.74	8.00	9.55
Stock handlers and baggers	6.00	7.02	9.00	11.81	18.46
Machine feeders and offbearers	6.10	6.19	7.30	13.47	13.47
Freight, stock, and material handlers, n.e.c.	5.75	6.25	6.75	10.69	13.79
Vehicle washers and equipment cleaners	6.50	7.00	7.56	8.62	10.52
Hand packers and packagers	6.03	6.41	7.07	9.07	9.33
Laborers, except construction, n.e.c.	8.39	9.16	11.53	15.53	18.21
Service	6.00	6.85	9.12	14.79	25.94
Protective service	6.12	7.67	21.00	26.57	32.78
Police and detectives, public service	20.53	22.72	26.57	27.00	31.69
Sheriffs, bailiffs, and other law enforcement officers	21.11	23.08	24.62	24.62	24.62
Guards and police, except public service	6.12	6.12	7.61	7.67	11.23
Food service	5.75	6.29	7.92	10.54	13.84
Waiters, waitresses, and bartenders	5.75	5.75	5.83	6.25	8.43
Waiters and waitresses	5.75	5.75	5.75	5.85	6.00
Waiters/Waitresses' assistants	5.75	5.75	5.80	6.25	7.22
Other food service	6.06	6.94	8.05	10.72	14.54
Supervisors, food preparation and service	14.79	15.00	16.25	18.20	18.55
Cooks	6.31	8.30	10.54	11.75	13.60
Food counter, fountain, and related	5.75	5.75	6.06	7.25	7.33
Kitchen workers, food preparation	6.49	6.94	7.38	9.96	9.96
Food preparation, n.e.c.	6.04	6.50	8.05	8.05	10.70
Health service	6.47	7.20	8.53	11.45	13.80
Health aides, except nursing	10.45	10.49	13.24	13.93	14.15
Nursing aides, orderlies and attendants	6.47	7.00	7.78	9.46	12.81

See footnotes at end of table.

Table 6-4. **Hourly wage percentiles for establishment jobs¹, full-time workers:² Selected occupations, all industries, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, July 1999 — Continued**

Occupation ³	10	25	Median 50	75	90
Service --Continued					
Cleaning and building service	\$5.93	\$6.33	\$7.03	\$10.68	\$13.82
Supervisors, cleaning and building service workers	6.10	8.33	12.45	13.69	20.78
Maids and housemen	6.28	6.46	6.98	8.93	10.38
Janitors and cleaners	5.75	6.25	7.03	10.43	13.82
Personal service	6.00	6.50	9.36	14.00	18.45
Public transportation attendants	13.26	14.04	17.40	34.76	42.36
Service, n.e.c.	6.00	6.00	7.00	7.51	14.00

¹ Percentiles are calculated from average hourly wages for sampled establishment jobs within each occupation. The percentiles describe the distribution of an occupation's employment by the average wage rates for its jobs. For example, at the 10th percentile hourly wage for an occupation, one-tenth of the occupation's employment are found in sampled establishment jobs whose average wages are the same or less, and nine-tenths are in jobs averaging the same or more. The calculations of the 25th, 50th, 75th, and 90th percentiles follow the same logic. Hourly wages are the straight-time wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, holidays, nonproduction bonuses, and tips.

² Employees are classified as working either a full-time or a part-time schedule based on the definition used by each establishment. Therefore, a worker with a 35-hour-per-week schedule might be considered a

full-time employee in one establishment, but classified as part-time in another firm, where a 40-hour week is the minimum full-time schedule.

³ A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. See appendix B for more information.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria, and n.e.c. means not elsewhere classified. Overall occupational groups may include data for categories not shown separately. IN THIS SURVEY, THE NONRESPONSE RATE FOR ALL INDUSTRIES AND PRIVATE INDUSTRY EXCEEDED REGULAR SURVEY STANDARDS FOR PUBLICATION. ACCORDINGLY, USERS SHOULD INTERPRET THESE RESULTS WITH THIS LIMITATION IN MIND.

Table 6-5. **Hourly wage percentiles for establishment jobs¹, part-time workers:² Selected occupations, all industries, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, July 1999**

Occupation ³	10	25	Median 50	75	90
All	\$5.80	\$6.50	\$8.26	\$11.13	\$16.68
All excluding sales	5.75	6.50	8.76	11.47	18.52
White collar	6.01	7.39	9.73	14.56	23.00
White collar excluding sales	7.72	9.00	11.24	17.39	30.49
Professional specialty and technical	9.61	14.56	20.88	30.49	37.92
Professional specialty	9.88	18.52	22.46	33.93	38.51
Health related	20.88	21.97	22.98	27.30	32.18
Registered nurses	20.00	21.00	22.98	24.90	30.49
Teachers, college and university	25.18	27.44	36.47	39.80	41.00
Other post-secondary teachers	26.09	27.44	36.47	38.51	41.00
Teachers, except college and university	12.14	17.25	19.50	31.24	37.92
Secondary school teachers	11.29	15.51	19.96	19.96	36.90
Teachers, n.e.c.	10.25	24.26	37.92	37.92	37.92
Substitute teachers	12.14	17.58	18.52	19.50	21.50
Social scientists and urban planners	—	—	—	—	—
Social, recreation, and religious workers	—	—	—	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.	5.75	9.23	9.88	16.75	40.00
Technical	9.61	11.82	14.00	16.74	21.00
Licensed practical nurses	12.20	14.31	14.56	16.74	16.74
Executive, administrative, and managerial	10.00	16.45	46.77	52.00	54.12
Executives, administrators, and managers	10.00	31.14	46.77	52.00	54.12
Management related	—	—	—	—	—
Sales	5.86	6.47	7.14	9.21	12.43
Sales workers, furniture and home furnishings	6.01	6.01	6.88	8.75	9.21
Sales workers, other commodities	6.44	6.87	7.27	8.38	8.78
Cashiers	6.00	7.14	8.70	12.43	16.30
Administrative support, including clerical	7.26	8.50	9.58	11.75	14.53
Secretaries	7.61	11.50	13.00	15.50	15.89
Receptionists	5.75	6.18	8.43	9.50	9.50
General office clerks	5.75	6.98	9.50	12.47	14.53
Teachers' aides	9.30	9.58	11.24	12.35	16.68
Administrative support, n.e.c.	5.75	5.75	7.03	9.18	9.18
Blue collar	6.42	6.92	7.53	10.46	14.87
Precision production, craft, and repair	—	—	—	—	—
Machine operators, assemblers, and inspectors	—	—	—	—	—
Transportation and material moving	7.53	9.38	9.38	9.66	14.87
Handlers, equipment cleaners, helpers, and laborers	6.32	6.70	7.19	10.46	12.08
Stock handlers and baggers	5.89	6.47	10.19	12.08	15.38
Laborers, except construction, n.e.c.	6.70	6.99	7.19	8.26	10.88
Service	5.75	5.82	6.50	8.25	10.00
Protective service	5.75	6.35	6.81	6.81	9.80
Food service	5.75	5.75	5.84	6.71	8.67
Waiters, waitresses, and bartenders	5.75	5.75	5.75	5.82	6.29
Waiters and waitresses	5.75	5.75	5.75	5.82	6.29
Waiters/Waitresses' assistants	5.75	5.75	5.75	6.23	6.23
Other food service	5.75	5.84	6.63	8.25	9.40
Food counter, fountain, and related	5.84	5.84	6.15	9.13	9.40
Food preparation, n.e.c.	5.75	6.00	6.00	6.71	8.67
Health service	6.40	6.95	8.68	10.23	12.40
Nursing aides, orderlies and attendants	6.40	6.40	8.68	9.50	10.23

See footnotes at end of table.

Table 6-5. **Hourly wage percentiles for establishment jobs¹, part-time workers:² Selected occupations, all industries, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, July 1999 — Continued**

Occupation ³	10	25	Median 50	75	90
Service --Continued					
Cleaning and building service	\$5.75	\$5.75	\$7.07	\$8.14	\$10.01
Janitors and cleaners	5.75	7.07	7.07	9.72	10.57
Personal service	6.24	6.25	7.50	9.00	10.94
Attendants, amusement, and recreation facilities	6.00	6.27	7.53	8.94	8.94
Early childhood teachers' assistants	7.94	8.69	9.00	9.80	13.61
Child care workers, n.e.c.	6.48	6.50	7.50	10.66	10.94
Service, n.e.c.	6.25	6.25	6.25	7.50	9.32

¹ Percentiles are calculated from average hourly wages for sampled establishment jobs within each occupation. The percentiles describe the distribution of an occupation's employment by the average wage rates for its jobs. For example, at the 10th percentile hourly wage for an occupation, one-tenth of the occupation's employment are found in sampled establishment jobs whose average wages are the same or less, and nine-tenths are in jobs averaging the same or more. The calculations of the 25th, 50th, 75th, and 90th percentiles follow the same logic. Hourly wages are the straight-time wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, holidays, nonproduction bonuses, and tips.

² Employees are classified as working either a full-time or a part-time schedule based on the definition used by each establishment. Therefore, a worker with a 35-hour-per-week schedule might be considered a

full-time employee in one establishment, but classified as part-time in another firm, where a 40-hour week is the minimum full-time schedule.

³ A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. See appendix B for more information.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria, and n.e.c. means not elsewhere classified. Overall occupational groups may include data for categories not shown separately. IN THIS SURVEY, THE NONRESPONSE RATE FOR ALL INDUSTRIES AND PRIVATE INDUSTRY EXCEEDED REGULAR SURVEY STANDARDS FOR PUBLICATION. ACCORDINGLY, USERS SHOULD INTERPRET THESE RESULTS WITH THIS LIMITATION IN MIND.

Appendix A: Technical Note

This section provides basic information on the procedures and concepts used to produce the data contained in this bulletin. It is divided into three parts: Planning for the survey; data collection; and processing and analyzing the data. Although this section answers some questions commonly asked by data users, it is not a comprehensive description of all the steps required to produce the data.

Planning for the survey

The overall design of the survey includes questions of scope, frame, and sample selection.

Survey scope

This survey covered establishments employing 50 workers or more in goods-producing industries (mining, construction and manufacturing); service-producing industries (transportation, communications, electric, gas, and sanitary services; wholesale trade; retail trade; finance, insurance, and real estate; and services industries); and State and local governments. Agriculture, private households, and the Federal Government were excluded from the scope of the survey. For purposes of this survey, an establishment is an economic unit that produces goods or services, a central administrative office, or an auxiliary unit providing support services to a company. For private industries in this survey, the establishment is usually at a single physical location. For State and local governments, an establishment is defined as all locations of a government entity.

The Los Angeles–Riverside–Orange County, CA, Metropolitan Statistical Area includes Los Angeles, Orange, Riverside, San Bernardino, and Ventura Counties.

Sampling frame

The list of establishments from which the survey sample was selected (sampling frame) was developed from State unemployment insurance reports. Due to the volatility of industries within the private sector, sampling frames were developed using the most recent month of reference available at the time the sample was selected. The sampling frame was reviewed prior to the survey and, when necessary, missing establishments were added, out-of-business and out-of-scope establishments were removed, and addresses, employment levels, industry classification, and other information were updated.

Sample design

The sample for this survey area was selected using a two-

stage stratified design with probability proportional to employment sampling at each stage. The first stage of sample selection was a probability sample of establishments. The sample of establishments was drawn by first stratifying the sampling frame by industry and ownership. The number of sample establishments allocated to each stratum is approximately proportional to the stratum employment. Each sampled establishment is selected within a stratum with a probability proportional to its employment. Use of this technique means that the larger an establishment's employment, the greater its chance of selection. Weights were applied to each establishment when the data were tabulated so that it represents similar units (by industry and employment size) in the economy that were not selected for collection. See appendix table 2 for a count of establishments in the survey by employment size. The second stage of sample selection, detailed below, was a probability sample of occupations within a sampled establishment.

Data collection

The collection of data from survey respondents required detailed procedures. Field economists collected the data, working out of the Regional Office and visiting each establishment surveyed. Other contact methods, such as mail and telephone, were used to follow-up and update data.

Occupational selection and classification

Identification of the occupations for which wage data were to be collected was a multistep process:

1. Probability-proportional-to-size selection of establishment jobs
2. Classification of jobs into occupations based on the Census of Population system
3. Characterization of jobs as full-time v. part-time, union v. nonunion, and time v. incentive
4. Determination of the level of work of each job

For each occupation, wage data were collected for those workers who met all the criteria identified in the last three steps. Special procedures were developed for jobs for which a correct classification or level could not be determined.

In step one, the jobs to be sampled were selected at each establishment by the BLS field economist during a personal visit. A complete list of employees was used for sampling, with each selected worker representing a job within the es-

tablishment.

As with the selection of establishments, the selection of a job was based on probability proportional to its size in the establishment. The greater the number of people working in a job in the establishment, the greater its chance of selection.

The number of jobs collected in each establishment was based on an establishment's employment size as shown in the following schedule:

<i>Number of employees</i>	<i>Number of selected jobs</i>
50–99	8
100–249	10
250–999	12
1000–2,499	16
2,500+	20

The second step of the process entailed classifying the selected jobs into occupations based on their duties. The National Compensation Survey occupational classification system is based on the 1990 Census of Population. A selected job may fall into any one of about 480 occupational classifications, from accountant to wood lathe operator. In cases where a job's duties overlapped two or more census classification codes, the duties used to set the wage level were used to classify the job. Classification by primary duties was the fallback.

Each occupational classification is an element of a broader classification known as a major occupational group (MOG). Occupations can fall into any of the following MOGs:

- Professional specialty and technical
- Executive, administrative, and managerial
- Sales
- Administrative support, including clerical
- Precision production, craft, and repair
- Machine operators, assemblers, and inspectors
- Transportation and material moving
- Handlers, equipment cleaners, helpers, and laborers
- Service occupations

Appendix B contains a complete list of all individual occupations, classified by the MOG to which they belong.

In step three, certain other job characteristics of the chosen worker were identified. First, the worker was identified as holding either a full-time or part-time job, based on the establishment's definition of those terms. Then, the worker was classified as having a time versus incentive job, depending on whether any part of pay was directly based on the actual production of the worker, rather than solely on hours worked. Finally, the worker was identified as being in a union job or a nonunion job. See the "Definition of Terms" section on the following page for more detail.

Generic leveling through point factor analysis

In the last step before wage data were collected, the work level of each selected job was determined using a "generic leveling" process. Generic leveling ranks and compares all occupations randomly selected in an establishment using the same criteria.

For this survey, the level of each occupation in an establishment was determined by an analysis of each of 10 leveling factors. Nine of these factors are drawn from the U.S. Government Office of Personnel Management's Factor Evaluation System, which is the underlying structure for evaluation of General Schedule Federal employees. The tenth factor, supervisory duties, attempts to account for the effect of supervisory duties. It is considered experimental. The 10 factors are:

- Knowledge
- Supervision received
- Guidelines
- Complexity
- Scope and effect
- Personal contacts
- Purpose of contacts
- Physical demands
- Work environment
- Supervisory duties

Each factor contains a number of levels, and each level has an associated written description and point value. The number and range of points differ among the factors. For each factor, an occupation was assigned a level based on the written description that best matched the job. Within each occupation, the points for nine factors (supervisory duties was excluded) were recorded and totaled. The total determines the overall level of the occupation. Appendix table 3 presents median work levels for published occupational groups and selected occupations. A description of the levels for each factor is shown in appendix C.

Tabulations of levels of work for occupations in the survey follow the Federal Government's white-collar General Schedule. Point ranges for each of the 15 levels are shown in appendix D. It also includes an example of a job with its associated leveling factors, and a guide to help data users evaluate jobs in their firms

Wage data collected in prior surveys using the new generic leveling method were evaluated by BLS researchers using regression techniques. For each of the major occupational groups, wages were compared to the 10 generic level factors (and levels within those factors). The analysis showed that several of the generic level factors, most notably knowledge and supervision received, had strong explanatory power for wages. That is, as the levels within a given factor increased, the wages also increased. For additional information on generic leveling see Brooks Pierce, "Using the National Compensation Survey to Predict Wage Rates," *Compensation and Working Conditions*, Winter 1999, pp. 8–16.

Collection period

Survey data were collected over a 13-month period for 60 metropolitan areas in the NCS program. For 20 small metropolitan areas, data were collected over a 4-month period. For each establishment in the survey, the data reflect the establishment's most recent information at the time of collection. The payroll reference month shown in the tables reflects the average date of this information for all sample units.

Earnings

Earnings were defined as regular payments from the employer to the employee as compensation for straight-time hourly work, or for any salaried work performed. The following components were included as part of earnings:

- Incentive pay, including commissions, production bonuses, and piece rates
- Cost-of-living allowances
- Hazard pay
- Payments of income deferred due to participation in a salary reduction plan
- Deadhead pay, defined as pay given to transportation workers returning in a vehicle without freight or passengers

The following forms of payments were *not* considered part of straight-time earnings:

- Shift differentials, defined as extra payment for working a schedule that varies from the norm, such as night or weekend work
- Premium pay for overtime, holidays, and weekends
- Bonuses not directly tied to production (such as Christmas and profit-sharing bonuses)
- Uniform and tool allowances
- Free room and board
- Payments made by third parties (for example, bonuses given by manufacturers to department store salespeople, referral incentives in real estate)
- On-call pay

To calculate earnings for various periods (hourly, weekly, and annual), data on work schedules also were collected. For hourly workers, scheduled hours worked per day and per week, exclusive of overtime, were recorded. Annual weeks worked were determined. Because salaried workers, exempt from overtime provisions, often work beyond the assigned work schedule, their typical number of hours actually worked was collected.

Definition of terms

Full-time worker. Any employee that the employer considers to be full time.

Incentive worker. Any employee whose earnings are tied, at least in part, to commissions, piece rates, production bonuses, or other incentives based on production or sales.

Level. A ranking of an occupation based on the requirements of the position. (See the description in the technical note on generic leveling through point factor analysis for more details on the leveling process.)

Nonunion worker. An employee in an occupation not meeting the conditions for union coverage (see below).

Part-time worker. Any employee that the employer considers to be part time.

Straight-time. Time worked at the standard rate of pay for the job.

Time-based worker. Any employee whose earnings are tied to an hourly rate or salary, and not to a specific level of production.

Union worker. Any employee is in a union occupation when all of the following conditions are met:

- A labor organization is recognized as the bargaining agent for all workers in the occupation
- Wage and salary rates are determined through collective bargaining or negotiations
- Settlement terms, which must include earnings provisions and may include benefit provisions, are embodied in a signed, mutually binding collective bargaining agreement

Processing and analyzing the data

Data were processed and analyzed at the Bureau's National Office following collection.

Weighting and nonresponse

Sample weights were calculated for each establishment and occupation in the survey. These weights reflected the relative size of the occupation within the establishment and of the establishment within the sample universe. Weights were used to aggregate the individual establishments or occupations into the various data series. Some of the establishments surveyed could not supply or refused to supply information. If data were not provided by a sample member, the weights of responding sample members in the same or similar "cells" were adjusted to account for the missing data. This technique assumes that the mean value of the nonrespondents equals the mean value of the respondents at some detailed "cell" level. Responding and nonresponding establishments were classified into these cells according to industry and employment size. Responding and nonresponding occupations within responding establishments were classified into cells that were additionally defined by major occupation group and job level.

Establishments that were determined to be out of business or outside the scope of the survey had their weights changed to zero. If only partial data were given by a sam-

ple establishment or occupation, or data were missing, the response was treated as a refusal.

Survey response

	<i>Establish- ments</i>
Total in sample	877
Responding	478
Out of business or not in survey scope	105
Unable or refused to pro- vide data	294

Some surveys may have a high nonresponse rate for the all industries or private industry iterations. Such instances are noted in the bulletin table footnotes.

Estimation

The wage series in the tables are computed by combining the wages for each sampled occupation. Before being combined, individual wage rates are weighted by: the number of workers; the sample weight, adjusted for nonresponding establishments and other factors; and the occupation's scheduled hours of work.

The percentiles presented in tables 6–1 through 6–5 are computed using average hourly wages for sampled establishment jobs within each occupation. Establishments in the survey may report either individual-worker earnings or average wage rates for each sampled job. If individual-worker earnings are provided, an average hourly wage rate is computed for the job and used in the calculation of percentile estimates. The average hourly wages for each sampled job are appropriately weighted and then arrayed from lowest to highest.

The published 10th, 25th, 50th, 75th, and 90th percentiles describe the distribution of an occupation's employment by the average wage rates for its jobs. For example, at the 10th percentile, 10 percent of a published occupation's employment is in sampled establishment jobs that had average hourly wages at the 10th percentile or less for that occupation. Note that the percentiles in previous NCS bulletins for this area were calculated from individual-worker earnings rather than from average wages for sampled establishment jobs. Data users should keep this difference in mind.

Not all calculated series met the criteria for publication. Before any series was published, it was reviewed to make sure that the number of observations underlying it was sufficient. This review prevented the publication of a series that could have revealed information about a specific establishment.

Estimates of the number of workers represent the total in all establishments within the scope of the study, and not the number actually surveyed. Because occupational structures among establishments differ, estimates of the number of workers obtained from the sample of establishments serve to indicate only the relative importance of the occupational groups studied.

Data reliability

The data in this bulletin are estimates from a scientifically selected probability sample. There are two types of errors possible in an estimate based on a sample survey, sampling and nonsampling.

Sampling errors occur because observations come only from a sample and not from an entire population. The sample used for this survey is one of a number of possible samples of the same size that could have been selected using the sample design. Estimates derived from the different samples would differ from each other.

A measure of the variation among these differing estimates is called the standard error or sampling error. It indicates the precision with which an estimate from a particular sample approximates the average result of all possible samples. The relative standard error (RSE) is the standard error divided by the estimate. RSE data are provided alongside the earnings data in the bulletin tables.

The standard error can be used to calculate a "confidence interval" around a sample estimate. As an example, suppose a table shows that mean hourly earnings for all workers were \$12.79, with a relative standard error of 3.6 percent for this estimate. At the 90-percent level, the confidence interval for this estimate is \$13.55 to \$12.03 (1.645 times 3.6 percent = 5.922 percent times \$12.27, plus or minus \$0.76). If all possible samples were selected to estimate the population value, the interval from each sample would include the true population value approximately 90 percent of the time.

Nonsampling errors also affect survey results. They can stem from many sources, such as inability to obtain information for some establishments, difficulties with survey definitions, inability of the respondents to provide correct information, or mistakes in recording or coding the data obtained. A Technical Reinterview Program done in all survey areas will be used in the development of a formal quality assessment process to help compute nonsampling error. Although they were not specifically measured, the nonsampling errors were expected to be minimal due to the extensive training of the field economists who gathered the survey data by personal visit, computer edits of the data, and detailed data review.

Appendix table 1. **Number of workers¹ represented by the survey, by occupational group,²**
National Compensation Survey, Los Angeles-Riverside-Orange County, CA, July 1999

Occupational group	Full-time and part-time workers		
	Total	Private industry	State and local government
All occupations	2,890,200	2,244,100	646,100
All excluding sales	2,683,200	2,038,200	645,000
White collar	1,676,700	1,199,100	477,600
White-collar excluding sales	1,469,700	993,200	476,600
Professional specialty and technical	608,200	348,400	259,700
Professional specialty	496,000	254,300	241,700
Technical	112,200	94,100	18,100
Executive, administrative, and managerial	284,400	232,300	52,100
Sales	207,000	205,900	—
Administrative support, including clerical	577,100	412,400	164,700
Blue collar	721,100	675,700	45,400
Precision production, craft, and repair	225,100	198,000	27,100
Machine operators, assemblers, and inspectors	223,700	222,100	—
Transportation and material moving	69,400	61,900	7,500
Handlers, equipment cleaners, helpers, and laborers	202,800	193,700	9,100
Service	492,400	369,300	123,100

¹ The number of workers represented by the survey are rounded to the nearest 100. Estimates of the number of workers provide a description of size and composition of the labor force included in the survey. Estimates are not intended, however, for comparison to other statistical series to measure employment trends or levels. Both full-time and part-time workers were included in the survey.

² A classification system including about 480 individual occupations is used to cover all workers in the civilian economy.

See appendix B for more information.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria. IN THIS SURVEY, THE NONRESPONSE RATE FOR ALL INDUSTRIES AND PRIVATE INDUSTRY EXCEEDED REGULAR SURVEY STANDARDS FOR PUBLICATION. ACCORDINGLY, USERS SHOULD INTERPRET THESE RESULTS WITH THIS LIMITATION IN MIND.

Appendix table 2. **Number of establishments represented by survey and the number studied by industry division and establishment employment size, Los Angeles-Riverside-Orange County, CA, July 1999**

Industry	Number of establishments represented ¹	Number of establishments studied				
		Total studied	50 - 99 workers ²	100 workers or more		
				Total	100 - 499 workers	500 workers or more
All industries	14,900	478	122	356	188	168
Private industry	14,400	421	119	302	180	122
Goods-producing industries	3,700	115	27	88	61	27
Mining	(³)	13	4	9	8	1
Construction	500	10	3	7	7	—
Manufacturing	3,200	92	20	72	46	26
Service-producing industries	10,600	306	92	214	119	95
Transportation and public utilities	900	23	4	19	12	7
Wholesale and retail trade	4,900	94	43	51	42	9
Finance, insurance and real estate	900	28	6	22	4	18
Services	4,000	161	39	122	61	61
State and local government	500	57	3	54	8	46

¹ Number of establishments represented by the survey rounded to the nearest 100.

² Establishments classified with 50-99 workers may contain establishments with fewer than 50 due to staff reductions between survey sampling and collection.

³ Number of establishments represented by the survey is fewer than 50.

NOTE: Dashes indicate that no data were reported. Overall industry and industry groups may include data for categories not shown separately.

Appendix table 3. **Median work levels for all workers, full-time and part-time workers:¹ Selected occupations, all industries, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, July 1999**

Occupation ²	All workers	Full-time workers	Part-time workers
All	5	5	3
All excluding sales	5	6	3
White collar	7	7	3
White collar excluding sales	7	7	4
Professional specialty and technical	9	9	9
Professional specialty	9	9	9
Engineers, architects, and surveyors	11	11	—
Aerospace engineers	12	12	—
Civil engineers	10	10	—
Electrical and electronic engineers	11	11	—
Industrial engineers	10	10	—
Mechanical engineers	11	11	—
Engineers, n.e.c.	11	11	—
Mathematical and computer scientists	9	9	—
Computer systems analysts and scientists	9	9	—
Operations and systems researchers and analysts	10	10	—
Natural scientists	11	11	—
Health related	9	9	9
Physicians	13	12	—
Registered nurses	9	9	9
Pharmacists	11	—	—
Respiratory therapists	8	—	—
Teachers, college and university	11	11	10
Business, commerce, and marketing teachers	12	12	—
Education teachers	9	—	—
English teachers	10	—	—
Other post-secondary teachers	11	11	10
Teachers, except college and university	9	9	9
Prekindergarten and kindergarten	7	—	—
Elementary school teachers	9	9	—
Secondary school teachers	9	9	8
Teachers, special education	9	9	—
Teachers, n.e.c.	9	8	9
Substitute teachers	6	—	6
Vocational and educational counselors	10	10	—
Librarians, archivists, and curators	—	—	—
Social scientists and urban planners	10	10	—
Psychologists	9	—	—
Social, recreation, and religious workers	8	8	—
Social workers	9	9	—
Recreation workers	6	—	—
Lawyers and judges	11	11	—
Lawyers	11	11	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.	—	5	—
Designers	11	11	—
Editors and reporters	—	—	—
Professional, n.e.c.	8	8	—
Technical	7	7	5
Clinical laboratory technologists and technicians	5	5	—
Radiological technicians	7	7	—
Licensed practical nurses	7	6	7
Health technologists and technicians, n.e.c.	7	7	—
Electrical and electronic technicians	7	7	—
Engineering technicians, n.e.c.	7	7	—
Science technicians, n.e.c.	6	—	—
Computer programmers	9	9	—
Legal assistants	6	6	—
Technical and related, n.e.c.	7	7	—
Executive, administrative, and managerial	9	9	11
Executives, administrators, and managers	11	11	11
Administrators and officials, public administration	12	12	—
Financial managers	11	11	—
Personnel and labor relations managers	11	11	—
Managers, marketing, advertising, and public relations	12	12	—
Administrators, education and related fields	11	11	—

See footnotes at end of table.

Appendix table 3. **Median work levels for all workers, full-time and part-time workers:¹ Selected occupations, all industries, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, July 1999** — Continued

Occupation ²	All workers	Full-time workers	Part-time workers
White collar —Continued			
Executive, administrative, and managerial —Continued			
Executives, administrators, and managers —Continued			
Managers, medicine and health	11	11	—
Managers, food servicing and lodging establishments ...	6	6	—
Managers, service organizations, n.e.c.	10	9	—
Managers and administrators, n.e.c.	11	11	—
Management related	9	9	—
Accountants and auditors	9	9	—
Other financial officers	9	9	—
Management analysts	9	9	—
Personnel, training, and labor relations specialists	9	9	—
Purchasing agents and buyers, n.e.c.	8	8	—
Construction inspectors	8	8	—
Inspectors and compliance officers, except construction	9	9	—
Management related, n.e.c.	9	9	—
Sales	4	4	3
Supervisors, sales	8	8	—
Sales, other business services	4	5	—
Sales representatives, mining, manufacturing, and			
wholesale	8	8	—
Sales workers, motor vehicles and boats	5	5	—
Sales workers, apparel	3	—	—
Sales workers, furniture and home furnishings	3	—	3
Sales workers, parts	4	4	—
Sales workers, other commodities	4	4	4
Cashiers	3	4	3
Sales support, n.e.c.	6	6	—
Administrative support, including clerical	4	4	3
Supervisors, general office	7	7	—
Supervisors, distribution, scheduling, and adjusting			
clerks	7	7	—
Secretaries	6	6	4
Typists	5	5	—
Interviewers	3	3	—
Transportation ticket and reservation agents	5	5	—
Receptionists	3	3	2
Information clerks, n.e.c.	3	—	—
Order clerks	3	4	—
Personnel clerks, except payroll and timekeeping	5	5	—
Library clerks	3	3	—
Records clerks, n.e.c.	4	4	—
Bookkeepers, accounting and auditing clerks	5	5	—
Payroll and timekeeping clerks	4	4	—
Duplicating machine operators	3	—	—
Telephone operators	2	2	—
Mail clerks, except postal service	2	2	—
Dispatchers	7	7	—
Production coordinators	6	6	—
Traffic, shipping and receiving clerks	3	3	—
Stock and inventory clerks	3	3	—
Meter readers	4	4	—
Material recording, scheduling, and distribution clerks,			
n.e.c.	4	—	—
Insurance adjusters, examiners, and investigators	5	5	—
Investigators and adjusters, except insurance	5	5	—
Eligibility clerks, social welfare	6	6	—
Bill and account collectors	5	6	—
General office clerks	3	4	2
Bank tellers	3	—	—
Data entry keyers	4	4	—
Statistical clerks	4	—	—
Teachers' aides	3	3	3
Administrative support, n.e.c.	4	4	1

See footnotes at end of table.

Appendix table 3. **Median work levels for all workers, full-time and part-time workers:¹ Selected occupations, all industries, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, July 1999** — Continued

Occupation ²	All workers	Full-time workers	Part-time workers
Blue collar	4	4	2
Precision production, craft, and repair	7	7	—
Supervisors, mechanics and repairers	8	8	—
Automobile mechanics	7	7	—
Industrial machinery repairers	7	7	—
Machinery maintenance	5	5	—
Electronic repairers, communications and industrial equipment	7	7	—
Mechanics and repairers, n.e.c.	6	6	—
Carpenters	7	7	—
Electricians	7	7	—
Painters, construction and maintenance	3	3	—
Construction trades, n.e.c.	5	5	—
Drillers, oil well	3	3	—
Supervisors, production	8	8	—
Machinists	7	7	—
Electrical and electronic equipment assemblers	3	3	—
Butchers and meat cutters	3	—	—
Inspectors, testers, and graders	6	6	—
Water and sewer treatment plant operators	7	7	—
Machine operators, assemblers, and inspectors	3	3	—
Molding and casting machine operators	1	1	—
Printing press operators	4	4	—
Textile sewing machine operators	2	2	—
Mixing and blending machine operators	3	3	—
Photographic process machine operators	4	4	—
Miscellaneous machine operators, n.e.c.	2	2	—
Welders and cutters	5	5	—
Assemblers	3	3	—
Miscellaneous hand working, n.e.c.	1	1	—
Production inspectors, checkers and examiners	4	4	—
Transportation and material moving	4	4	4
Truck drivers	4	4	—
Industrial truck and tractor equipment operators	2	3	—
Miscellaneous material moving equipment operators, n.e.c.	4	—	—
Handlers, equipment cleaners, helpers, and laborers	2	2	1
Groundskeepers and gardeners, except farm	5	5	—
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	7	7	—
Helpers, mechanics and repairers	2	2	—
Construction laborers	1	1	—
Production helpers	2	2	—
Stock handlers and baggers	2	3	2
Machine feeders and offbearers	2	2	—
Freight, stock, and material handlers, n.e.c.	1	1	—
Vehicle washers and equipment cleaners	2	2	—
Hand packers and packagers	2	2	—
Laborers, except construction, n.e.c.	2	3	1
Service	2	3	2
Protective service	5	7	3
Police and detectives, public service	8	8	—
Sheriffs, bailiffs, and other law enforcement officers	9	9	—
Guards and police, except public service	2	2	—
Food service	1	1	2
Waiters, waitresses, and bartenders	1	1	2
Bartenders	3	—	—
Waiters and waitresses	2	1	2
Waiters/Waitresses' assistants	1	1	1
Other food service	1	2	1
Supervisors, food preparation and service	6	6	—
Cooks	3	3	—

See footnotes at end of table.

Appendix table 3. **Median work levels for all workers, full-time and part-time workers:¹ Selected occupations, all industries, National Compensation Survey, Los Angeles-Riverside-Orange County, CA, July 1999** — Continued

Occupation ²	All workers	Full-time workers	Part-time workers
Service —Continued			
Food service —Continued			
Other food service —Continued			
Food counter, fountain, and related	1	1	1
Kitchen workers, food preparation	1	1	—
Food preparation, n.e.c.	1	1	1
Health service	3	3	3
Health aides, except nursing	4	5	—
Nursing aides, orderlies and attendants	3	3	3
Cleaning and building service	1	1	1
Supervisors, cleaning and building service workers	4	4	—
Maids and housemen	1	1	—
Janitors and cleaners	1	1	1
Personal service	2	4	2
Attendants, amusement, and recreation facilities	2	—	2
Public transportation attendants	6	6	—
Early childhood teachers' assistants	3	—	2
Child care workers, n.e.c.	2	—	2
Service, n.e.c.	1	2	1

¹ Employees are classified as working either a full-time or a part-time schedule based on the definition used by each establishment. Therefore, a worker with a 35-hour-per-week schedule might be considered a full-time employee in one establishment, but classified as part-time in another firm, where a 40-hour week is the minimum full-time schedule.

² A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. The occupations titled authors,

musicians, actors, painters, photographers, dancers, artists, athletes, and legislators cannot be assigned a work level. See appendix B for more information.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria, and n.e.c. means "not elsewhere classified." Overall occupational groups may include data for categories not shown separately.